

# K S VENKATA KRISHNA REDDY

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**LOCATION** | Tirupati, India

## Key Skills

- CProgramming Language
- Basic SQL
- Basic Python
- Basic Java
- Leadership Skills
- Team Management
- Problem Solving Skills

## Certification

- AdvancedCompetitive Cooding Workshop
- Grand Expo Of The Carbon Zero Callenge At IIT Madras
- SVCE Hackathon

## Languages

- Telugu
- English
- Hindi

## Hobbies

- Reading Books
- Browsing Net

## Profile Summary

A final year B.Tech Information Technology student with basic knowledge in C, Python, Java, and SQL. Strong problem-solving and analytical skills, with experience in relevant projects. Eager to apply technical knowledge to contribute to innovative projects

## Education

### B.Tech/B.E.

2026

Sri Venkateswara College of Engineering, Tirupati

Grade - 7.6/10

### 12th

2022

Andhra Pradesh , English

Grade - 71.7%

### 10th

2020

Andhra Pradesh , English

Grade - 100%

## Projects

### Recycling of Solar Modules/Panels 3 Weeks

This is a reserch report on solar pv modules recycling and waste, at presnt we may generate 34,000 tons of cumulative solar waste by 2030

- Listening Music

## Extra curricular activities

- Working In NGO

I am honored to have received the 'Best Performer of the Year' award at Little Hands Organization, where I have been dedicatedly working since 2022. This recognition is a testament to my hard work and commitment to the NGO's mission. I am grateful for the opportunities I've had to make a positive impact, and I look forward to continuing to contribute to the organization's valuable work and I'm appointed as a Vice-President for tirupati Zone.

- NATIONAL SERVICE SCHEME



As the secretary of the National Service Scheme (NSS) council in our college, I had the privilege of leading a team that made a tangible impact on the lives of people in two adopted villages. Since joining NSS in 2022, our team has undertaken various initiatives aimed at promoting social welfare and community development. Notable projects include organizing Swachh Bharat drives, conducting medical camps, distributing educational resources to underprivileged children, and hosting recreational activities for kids. Through these endeavors, we have not only contributed to the betterment of our community but also fostered a sense of social responsibility and empathy among our team members.

according to Solar Energy Federation of India. With solar pv panels playing a rapid growth in international energy market, it is now important to understand the end of life Management of solar panels. Recycling the panels can be an important pathway to develop a Hazard free future.

A perovskite solar cell (PSC) is a type of solar cell that includes a perovskite structured compound, it is a kind of organic metal halide compound.

$\text{CH}_3\text{NH}_3\text{PbI}_3$ ,  $\text{CH}_3\text{NH}_3\text{PbBr}_3$ , etc. Perovskites replace silicon which is used in solar panels, as its easier manufacturing process, lower cost, greater flexibility. In general silicon panels cost Rs 25.5 per watt, whereas perovskite solar cells cost Rs 12-13 per watt which is way more economical than silicon cells.