

# JAYA SURYA TANKARA

Department of Metallurgical Engineering  
College of Engineering Hyderabad,  
Jawaharlal Nehru Technological University.

B. Tech 6th Sem

Male

[jayasurya00112233@gmail.com](mailto:jayasurya00112233@gmail.com)

[LinkedIn Profile](#)



## EDUCATIONAL DETAILS

Examination	University/ Board	Institute	Year	%/GPA
Graduation	JNTU Hyderabad	JNTUH College of Engineering	2020	6.67
Intermediate	Telangana State Board	Sri Chaitanya Junior College	2018	9.6
Matriculation	Telangana State Board	Brilliant Grammar High School Nagarkurnool	2016	8.8

## SKILLS

- **Technical:** C, C++, and Beginner in Python
- **Software:** MS Word, MS Excel and MS PowerPoint.
- **Creative:** Editing, Photography, Choreography, Story Writing, Cinematography, Planning and Graphic Designing.

## INTERSHIPS

Undergraduate Intern at **Nano Architectures Research Group, IIT Indore** (May-Jun 2021)

## PROJECTS

**Green Carbon Nanocomposite as Electrode Material for flexible Supercapacitors** (Feb 2021-present)

- **Location:** Centre for Nanoscience and Technology, Institute of Science and Technology, JNTUH.
- Chose **Coconut** and **Sesame pulps** as precursors for synthesis of “**Green Carbon**”.
- Synthesized **Coconut Shell Few-Layer Graphene (CS-FLG)** with varying ratios of porogen (1:3, 1:2 KOH).

**Studies on ZnO as Electrode Material for high performance Supercapacitors** (Oct-Nov 2019)

- **Location:** Centre for Nanoscience and Technology, Institute of Science and Technology, JNTUH.
- Team of 3 Synthesised and characterized ZnO nanoparticles.
- **Cyclic Voltammetry, Galvanostatic Charge Discharge Impedance** tests performed.
- Secured **3<sup>rd</sup> position** for the project in **Paper Presentation at Technozion 2019, NIT Warangal.**

## POSITIONS OF RESPONSIBILITY

- **Organizing Volunteer, AYAS 2020- A national level Technical Symposium by Metallurgy, JNTUHCEH.**  
Volunteered in the smooth conduct of the **2-day Symposium** with a total budget of **5 lacs**.  
Encouraged many sponsors to sponsor the various events under the symposium.  
Contributed creative Designs for *Posters, Flyers and Banners* for campaigning and canvassing of various events under the symposium.
- **Dance Club JNTUHCEH**  
Initiated and took lead for the establishment of **Dance Club** for the **first time** in JNTUHCEH.

- **Lead Choreographer, Flash mob- AYAS 2020, 2019**  
**Choreographed** the cultural performances for the flash mob for 2 years and led **87 Dancers**.
- **Lead Choreographer (Metallurgy) for Freshers 2019**  
Successfully led and choreographed and organized cultural events of Freshers 2019, an event by 2<sup>nd</sup> year students with a crew of **15 dancers**.  
**Creative advisor** for Design Team for Freshers 2019.

## **ACHIEVEMENTS**

- Secured **third position** for the project in **Paper Presentation** at **Technozion 2019, NIT Warangal**.
- Secured **highest marks** in intermediate amongst about **1500 students**.
- **Ranked 45<sup>th</sup>** in state level OUCET examination.
- Scored **top** in school level **debate competition**.

## **CETIFICATIONS**

- About to complete C++ from **Udemy**.
- Internship Certification from **IIT Indore**.

## **DECLARATION**

I hereby declare that the information provided is true to the best of my knowledge and belief.