

# MADHU ALLALLA

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**Permanent Address:**

Sector-3, Shivanand Nagar,  
Near Jhanda Chowk,  
Raipur, (C.G.)  
492008

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**Email:** allallamadhu04@gmail.com

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## Objective:

*To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal and organizational goals.*

## Academic Qualification

Course	Institution	Board /University	Year of Completion	Aggregate (%)
M.tech	PRSU, Raipur , (C.G)	PRSU, Raipur	2022	<b>87.18</b>
B.E.	Shri Shankaracharya College of Engineering and Technology,Junwani	CSVТУ, Bhilai	2017	<b>67.27</b>
12 <sup>th</sup>	B.H.P.V Sn. Sec. School, Vishakhapatnam, (A.P)	CBSE	2010-11	<b>69</b>
10 <sup>th</sup>	Zinc Smelter Hr. Sec School Vishakhapatnam, (A.P)	CBSE	2008-09	<b>84.44</b>

## Computer Skills:

- **Programming Languages:** C,C++.
- **Other :** Ms Word, Ms Excel , TIA portal,Wincc ,Scaps 1D

## Projects:

- Minor project on speed control of dc motor
- Major project on prototype of coal plant and its automation using S7-1200 PLC
- Dissertation on Enhancement of efficiency and stability of  $\text{CH}_3\text{NH}_3\text{SnBr}_3$  solar cells with  $\text{CH}_3\text{NH}_3\text{SnI}_3$
- Dissertation on Synthesis and characterization of mix halide perovskite  $\text{CsSnI}_{3-x}\text{Cl}_x$

## Personal Skills:

- Ability to work as individual as well as in team.
- Concentrated, dedicated and loyal towards work.
- Positive attitude, sincere.
- Good listener.

## Achievements & Extra Curricular:

- 1<sup>st</sup> prize in Hindi essay writing competition
- Volunteered as discipline in charge in MSME expo
- Volunteer in IEEE events
- 3 Day workshops on “hand on training & FabLab Visit (PCB Designing & 3D printing)
- Awareness programme on Energy Conservation and Renewable Energy
- Documentation for NAAC 4<sup>th</sup> Cycle Assessment
- Conduction of Various Event under IIC PRSU
- IDEATHON documentation and conduction

## PUBLICATION

- Study of Design and Device Modeling of Double layered Perovskite Solar Cells. Journal of Ravishankar University (Part-B: Science), 35(1), pp. 35-41 [10.52228/JRUB.2022-35-1-5](#)
- Analysis of Highly Efficient Perovskite Solar Cells Using Machine Learning. Journal of Ravishankar University (Part-B: Science), 35(1), pp. 09-15 [10.52228/JRUB.2022-35-1-2](#)

## TEACHING EXPERIENCE

- Post Graduate level courses covering Laser Technology Optoelectronics and Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies for the Session 2022-23
- Post Graduate level courses covering Laser Technology Optoelectronics and Fiber Optics & Laser Instrumentation and Solar Photovoltaic Technologies for the Session 2023-24

## Personal profile

- **Date of Birth** 04-March-1993
- **Gender** Male
- **Father name** Mr. Ganpati Rao Allalla
- **Mother tongue** Telugu
- **Nationality** Indian
- **Marital Status** Single
- **Languages** English, Hindi
- **Hobbies** Sketching, Cooking

## Declaration

*I hereby declare that the above information's are true to best of my knowledge.*

**PLACE:** Raipur

**DATE:** 27/08/2024

**Signature**

(MADHU ALLALLA)