

## **RESUME**

**KRISHNA MURTHY PALANKI**

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### **OBJECTIVE**

**To Enhance and acquire knowledge in Science and Technology thereby improving myself along with the organization with my Teaching and Research Skills.**

### **ACADEMIC DETAILS**

<b>Degree</b>	<b>University/Board</b>	<b>Institute</b>	<b>Percentage Obtained</b>	<b>Year of Passing</b>
M.Tech (Machine Design)	GITAM UNIVERSITY, VISAKHAPATNAM	GITAM INSTITUTE OF TECHNOLOGY	8.25 CGPA	2015
B.Tech (MECHANICAL)	Jawaharlal Nehru Technology University, Kakinada.	JNTU Vizianagaram	78	2013
Intermediate (CLASS XI & XII)	Board Of Intermediate Education, Hyderabad.	Sri Chaitanya Junior College	95.1	2009
SSC (CLASS X)	Board Of Secondary Education, Andhra Pradesh.	Suresh Residential School	83.3	2007

### **ACADEMIC PROJECTS**

#### **B.Tech Mini Project**

**Title : AUTOMOBILE BODY BUILDING AND FABRICATION**

**Details :** This project was done in APSRTC Workshop, Vizianagaram. My project deals in learning about various parts used to build automobile and different types of engines used in it.

## **B.Tech MAIN Project:**

### **PERFORMANCE TESTS AND COST ESTIMATION ON FOUR STROKE SINGLE CYLINDER DIESEL ENGINE BY USING ALTERNATE FUELS**

The main objectives are-

1. To prepare an alternate fuel using waste vegetable oils, Mahua, plastic.
2. To check for the cost incurred in preparing these fuels.
3. To find the concentration of emissive gases and compare them with conventional fuels.

## **M.Tech MAIN Project:**

### **INFLUENCE OF EMBIED MOISTURE AND NANOCCLAY ON TENSILE AND STRESS RELAXATION BEHAVIOR OF POLYAMIDE6 MONT MORILLONITE NANOCOMPOSITES**

The main objectives are-

The polymer materials are widely used in Automobile industry. As these vehicle bodies are subjected to different environment conditions those materials should sustain such conditions. For producing such materials in an economical way polymers are used.

1. Preparing the polymer at different MMT compositions.
2. Conditioning them to different environment conditions.
3. Finding out their material properties and failure conditions.
4. Comparing them with conventional materials.

## **PERSONALITY TRAITS**

- Self -motivate and likes to take responsibilities and face challenges.
- Adaptability to new environment.
- Interested in Research field.

## **ACADEMIC INDUSTRIAL TRAININGS AND PARTICIPATIONS**

- Participated in national level technical symposium at NIT Warangal AND IIT Kharagapur.
- Achieved 27<sup>th</sup> rank in GITAM Admission Test (GAT) 2013 exam.
- Selected for Teaching Assistantship from TEQIP and obtained scholarship from MHRD.
- Selected for Tata Consultancy Services (TCS) during campus selection.

## **WORKSHOP AND SEMINARS ATTENDED**

1. Attended faculty development program in JNTUK on Engineering Mechanics.
2. Attended a National workshop on Differential equations and Engineering Applications organized by GVP COE Visakhapatnam during 21<sup>st</sup> - 23<sup>rd</sup> December 2016.

3. Attended Quality Improvement Program on Material Tribology: Fundamentals and Recent Advances during 23<sup>rd</sup> – 29<sup>th</sup> March 2017 at IIT Varanasi.

#### **CERTIFICATION COURSE**

1. NPTEL Certification on “FINANCIAL MATHEMATICS” and secure “ELITE” certificate.
2. ICT Academy Certificate on “AUTOCAD” for participating in the 5 day FDP.

#### **PUBLICATIONS**

1. Experimental Investigation on Tensile and Stress Relaxation behavior of Polyamide 6/ Montmorillonite Composite. ISBN (9789386954008)

#### **WORK EXPERIANCE**

<b>S.NO</b>	<b>INSTITUTE</b>	<b>PERIOD</b>	<b>DESIGNATION</b>
1.	RAGHU ENGINEERING COLLEGE	04.05.2015 to 31.10.2016	Assistant professor
2.	GAYATRI VIDYA PARISHAD, SCHOOL OF ENGINEERING	02.11.2016 to till date	Assistant professor

#### **PERSONAL DETAILS**

Name : Krishna Murthy Palanki  
Father's Name : Lakshmoji Rao Palanki  
Father's Occupation : APSRTC Employee  
Date of Birth : 26/03/1992  
Age : 24  
Marital Status : Unmarried  
Languages : Telugu, English  
Address : F.no:214, Block D-2, Vasanth Vihar, Kommadi, Vskp-48.

#### **REFERENCES**

1. Dr. Vinod Sharma  
Asst. Professor,  
Mechanical Department,  
VIT - Vellore.  
Ph.no – +919981263331
2. Sri. B. Chandra Mouli,  
Associate Professor  
Mechanical Department,  
RICE Engineering College, Ongole  
Ph.no – +919885616701

#### **DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.

SIGNATURE

(P. Krishna Murthy)