

## **RESUME**

**KRISHNA MURTHY PALANKI**

**F.no 301, Maa Harivillu Apartments**

**Sagarnagar, Visakhapatnam.**

**Ph.no +91-8019726467.**

**Email id- krishnapalanki26@gmail.com**



### **OBJECTIVE**

**To Enhance and acquire knowledge in Science and Technology thus facilitating self-improvement 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

### **PERSONALITY TRAITS**

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

### **PERSONNEL ACHIEVEMENTS**

- 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.
- Secured Rank 6 in APRCET-2019

## **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.
4. Presented a Paper entitled “Conceptual Design of Ergonomic Sitz bathtub using user centered design approach” at IIM Mumbai

## **FDP's ATTENDED AND CERTIFICATION COURSES**

1. NPTEL Certification on “FINANCIAL MATHEMATICS” and secure “ELITE” certificate.
2. ICT Academy Certificate on “AUTOCAD” for participating in the 5 day FDP.
3. Attended 2 week Faculty Development Program (online) on “Mechanical Components drafting by AUTOCAD” conducted by APSSDC, Andhra Pradesh from 13-07-2020 to 25-07-2020.
4. Attended 5 day Faculty Development Program (online) on “Advanced NDT Techniques & Applications in Industry” conducted by QIS college of Engineering, Ongole, Andhra Pradesh from 25-05-2020 to 29-05-2020.
5. Participated in 5 day FDP (online) on “Artificial Intelligence for Renewable Energy Technologies” organized by University of Lucknow, Utter Pradesh from 18-10-2021 to 22-10-2021.

## **PUBLICATIONS & BOOK CHAPTERS**

1. Experimental Investigation on Tensile and Stress Relaxation behavior of Polyamide 6/ Montmorillonite Composite. ISBN (9789386954008).
2. “QFD-Based TOPSIS Methodology for Material Selection”, Handbook of Research on Developments and Trends in Industrial and Materials Engineering, IGI global Publication, pp:169-193,2020.
3. “Mechanical Characterization and Selection of Polyamide Nano-Composites Subjected to Sea water Environment in Marine Applications”, Journal of The Institution of Engineers (India): Series C, 2021.
4. “Prioritization of e-waste management strategies towards green computing using AHP-QFD approach”- Proceedings on Engineering, 2021
5. Conceptual design of ergonomic food truck using QFD-GRA-DSM hybrid methodology-a case study. International Journal of Industrial and Systems Engineering. 2022.
6. “Material selection in conceptual design of a product through QFD - Entropy - TOPSIS approach” AIP Conf. Proc. 3006, 030002 (2023)
7. A Utility patent entitled “An Ergonomic Sitz Bath Tub Chair For Non-Surgical Medical Treatments” - Application No.202341078394 A

**WORK EXPERIENCE**

S.NO	INSTITUTE	PERIOD	DESIGNATION
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

**SUBJECTS TAUGHT**

1. Theory of Machines
2. Dynamics of Machinery
3. Design of Machine Elements
4. Machine Design

**PERSONNEL DETAILS**

Name : Krishna Murthy Palanki  
Father's Name : Lakshmoji Rao Palanki  
Father's Occupation : APSRTC Employee  
Date of Birth : 26/03/1992  
Marital Status : Married  
Languages : Telugu, English  
Address : F.no:301, Maa Harivillu Apartment, Sagarnagar, VSKP-45.

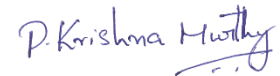
**REFERENCES**

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)