



## Role Description

**Position:** Junior Design Associate.

**Organization:** VCAM (Vaish Center For Advanced Manufacturing), Kakatiya Sandbox

**Job Location:** Nizamabad

**URL:** [www.kakatiyasandbox.in](http://www.kakatiyasandbox.in)

**Percentage :** 60% (Mechanical Engg)

### Vaish Centre for Additive Manufacturing (VCAM)

**Kakatiya Sandbox** is inspired by Deshpande Foundation's Hubli Sandbox. It's set-up under the patronage of Mr. Raju Reddy (Founder, Sierra Atlantic) and Mr. Phanindra Sama (Founder, redBus.in) in 2013 to work on socio-economic development of Nizamabad, Karimnagar and Medak districts in the state of Telangana. In the first 2 years of setting up the Sandbox in Nizamabad, about 8 different initiatives - such as Better Cotton Initiative, Lead, Agastya, Save A Mother, Nirmaan, Startup Incubation Center, Sankalpa Rural Development Society, and Deshpande Fellowship Program - and 1000+ student-projects have been implemented. ([www.kakatiyasandbox.in](http://www.kakatiyasandbox.in))

### Objective of VCAM:

**VCAM** is a social enterprise aiming to facilitate the growth of 3D design and printing technology in the rural areas of Telangana by providing training to youth and offering 3D design and printing services to the local industries. It is a first of its kind facility, where in such high end technology is brought to Tier-2 towns in Telangana, thereby nurturing and engaging the young talent in creative and enterprising work.

VCAM, Kakatiya Sandbox, 4<sup>th</sup> Floor, Rukmini Chambers, Vinayak Nagar,  
Nizamabad, Telangana - 503001.



- (a) Engineering services firm - Most manufacturing companies don't have entire setup like testing labs, prototyping labs, trained manpower, venue to conduct events and so on. A common entity can be created which can help the manufacturing companies in the vicinity with these services.
- (b) Training & placement - A 3D designing & printing training program to be conducted for the students in collaboration with universities or independently. We set up labs and conduct training in all formats.

### **Key responsibilities include**

- The person has to develop 3D Design for new products.
- Review and enhance 3D designs for existing products.
- Communicate with potential customers & understand their requirements
- Manage documentation of both new and revised 3D designs.
- Understand the project requirements and develop high quality designs accordingly.
- Handling marketing inquiries via phone / e-mail and gathering the customer needs.
- Develop design layouts for complex projects using computer Aided design (CAD) tools.
- Conduct regular workshop at VCAM for school kids & College students.
- Provide regular status update reports to the management team

### **Skill Sets:**

- Strong oral and written communication skills in English & Telugu.
- Good understanding of MS Office tools
- Effective public speaking skills
- Good analytical skills to crunch the data and come up with recommendations.
- Dynamic personality, management and leadership skills.
- Willingness to learn and passionate about the job – This overrides everything else.

### **Requirements:**

- Willing to work in Nizamabad
- Identifies himself / herself with the objective of VCAM, and is passionate about it
- Passionate about building organization
- Is looking for a long term role