

**COVERING LETTER**

**Dear Sir,**

**Sub: Application for the post of “Biomedical Engineer”**

With reference to the above subject matter, I wish to apply in your esteemed organization for the above mentioned post.

**Looking for** - Challenging work environment.  
- Constant Career Growth.  
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I am enclosing herewith my Resume for your reference.

I believe that my skills & experience will meet and fulfill your requirement. And I'm sure I can give my 100% to achieve the Organization's goals and work towards the company growth.

Thank you for your time and consideration. I hope to hear from you soon.

Sincerely,

**[Julie Kumar  
(050-6083455)]**

**Enclosed: Resume**

# Curriculum Viate

## JULIE KUMAR

**Email:** princessjuliekumar@gmail.com

**Phone:** 0506083455, 0503680179

### **Career Goals:**

To achieve high career growth through a continuous learning process and to enrich and utilize my esteemed skills in Administration and Management of Hospital resource to the best.

### **Professional Summary:**

- Pro-active and result oriented with 1 years experience in extensive and progressive study across functional areas
- Experience in purchase Planning , cost determination ,purchase of medical equipments and inventory.
- Experience in Plant Preventive Maintenance Tests .
- Ensuring compliance to quality standard and maintaining all quality control Documents.
- Healthy relationship and management skills with the ability imparting continuous on job training to the team.
- A good communicator with the ability to relate to all the people.

**Working Experience:**

- ❖ Worked in college of engineering in Chennai for 1 year as Biomedical lecture from april 2014
- ❖ Did internship from Oasis Hospital Al Ain.

**Roles and Responsibilities**

- Provide training to new staff on medical equipments.
- Maintain the documentation for Biomedical Equipments.
- Updating the inventory of all medical equipments installed in the Hospital.
- Co-ordination with service personnel of various medical equipment companies.
- Follow up the preventive maintenance schedule and calibration scheduled for medical equipments.

**Academic Achievements:**

- ❖ Bachelor degree of Engineering (Biomedical Engineering) in the year (2010 to 2014) from Anna University.
- ❖ Higher Secondary from THE English School Umm AL Quwain
- ❖ Senior Secondary from CBSE Board

## **Academic Project:**

### **1) Stress Concentration of Arteries Using MIMICS with Implant RP Model**

#### **Description:**

The current clinical procedure for arteries fixation application. Implant success is a function of bio material and bio mechanical factors including material and material processing. Present stain distribution and tissue binding ability of implant are needed. 3D reconstruction is carried out using MIMICS are performed using ANSYS .The benefit of carrying out FEA to experimental modeling and as a method of prevalidating surgical procedure.

#### **ii) MINI PROJECTS:**

I individually did a mini project on the Phonocardiogram(PCG) which involved assembly and testing of a working model. The Phonocardiogram Machine or PCG is quite a well-known device, which is used to listen to the heart sounds of a human being, produced by the contracting heart, including its valves and associated great vessels. The output from the machine is compared with the ideal heart sounds of a human being and the deviation from the ideal response is then analyzed to detect the nature of ailment of that particular human being.

The performance was demonstrated to the professor in charge of the DTE lab.PCG is used to listen to the human heart sounds and analyse on DSO.

**Area of Interest:**

- Physiological modeling
- Engineering mathematics
- Biomedical Instrumentation
- Assist Device

**Personal Skills:**

- Ability to deal with people diplomatically.
- Comprehensive problem solving abilities.
- Excellent verbal and written communication skills.
- Willingness to learn team facilitator hard worker.

**Professional Activities:**

- Presented a paper on "**ARTIFICIAL HEART**" in Tejaa Shakthi Institute of Tech, Coimbatore.
- A member of **Medical Camp** 2012 in Dhanalaksmi Srinivasan Engineering College.

**Extra Curricular Activities:**

- Completed C, C++ Programming Languages.
- Participated in various school Activities like Science Quiz.

**Personal profile:**

**Name** : JULIE KUMAR

**Date of Birth** : 31.1.1993

**Marital Status** : Single

**Nationality** : Indian

**Permanent Address** : Julie kumar

Al Dhaid, Sharjah

United Arab Emirates

**Passport no** : M161996

**Visa Status** : Residence

**Languages Known** : English, Hindi, Malayalam, Arabic

**Strength** : Optimistic, Self confident, Sincere and hardworking.