# CURRICULUM VITAE

**PERMANENT ADDRESS**

Neethu Elias

Moonjanattu House

Onakkoor , p/o

Pampakuda, Ernakulam district,

Kerala.

PIN : 686667

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Phone : **+91 9496756553,**

**Career Objective**

To pursue professional excellence in the field of Clinical Cardiovascular Perfusion with special emphasis on research and technical skills.  
To contribute to the academic and educational progress of Clinical Cardiovascular Perfusion there by improving the quality health care.

**Personal Profile**

**Name** : NEETHU ELIAS

**Date of Birth** : 14 -08 -1995

**Sex** : FEMALE

**Marital status** : SINGLE

**Profession** : CARDIOVASCULAR PERFUSIONIST

**Father’s Name** : ALIAS M V

**Nationality/State** : INDIAN/KERALA

**Religion** : CHRISTIAN

**Mother Tongue** : MALAYALAM

**Languages Known**  : MALAYALAM,ENGLISH,KANNADA ,TAMIL .

**Educational Profile**​:

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **NAME OFINSTITUTION** | **YEAR OF PASSING** | **% OF MARKS** |
| **B.sc** Cardiac Perfusion Technology | Sri JayadevaInstitute of Cardiovascular Sciences & Research,Bangalore | 2017 | 60% |
| HSE | Government Higher secondary school, Pampakuda. | 2013 | 70% |
| SSLC | St Joseph HS, Piravom | 2011 | 80% |

**WORK EXPERIENCE:**Worked as a Clinical Cardiovascular Perfusionist (Intership) in Sri Jayadeva Institute of Cardiovascular Sciences And Research, Bangalore. [www.jayadevacardiology.com](http://www.jayadevacardiology.com/) for a period of six months  
From 1-AUG-2017 to 31-JAN-2018.

**Work Exposure :**

**Number of cases performed:** In our hospital I was exposed to variety of cardiac surgeries, & I am capable of managing both adult & pediatric surgeries individually,I have performed 200+ cardiopulmonary Bypass procedures including Adult and Pediatrics during my internship period. Under certified perfusionist supervision

**ECMO exposure**: assisted in Ecmo circutory assembling and management of a paediatric patient.

**Clinical Experience:**

**Types of cases performed and assisted as a Perfusionist(intership):**  
**Paediatrics:**

Closure of Ventricular Septal Defect and Atrial Septal Defect.

Total / Partial Anomalous pulmonary venous connection repairs.

Intra cardiac repairs.

Tetrology of Fallot.

**Adults:**

\* On Pump Coronary Artery Bypass grafting.

\* Single, double and triple valve repair / replacements.

\* Bentalls procedure.

\* Aneurysm repairs.

\* Pulmonary endartoctomy etc.

And wide knowledge about minimally invasive surgeries

**Job Responsibilities,Duties and skills:**

* Broad knowledge of theory and practice for cardiovascular perfusion procedures.
* Broad knowledge and practice of safe work procedures with perfusion equipment.
* Setting up of Perfusion equipment in a sterile manner
* Administering of drugs during Bypass as per protocol
* Ability to communicate effectively, both verbally and in writing, with co-workers, medical personnel, other health care staff and students.
* Demonstration and ability to operate related equipment, CPR techniques.
* Keeping of Perfusion record and data
* Assist with stock maintenance
* Health and safety risk management and infection control
* Patient monitoring and day to day maintenance
* Operating and handling heart lung machine ( roller pump )
* Operating and handling IABP machine
* Used different types of oxygenator like **MINIMAX**.**AFFINITY PIXIE**, **AFFINITY NT, TERUMO CAPIOX(SX 25,SX 10,RX 05)** and various other CPB accessories such as heamoconcentrartors CUF & MUF techniques,cardioplegia delivery system,arterial filter etc.
* Developing new tubing techniques, maintaining stocks of accessories like oxygenator, custom tubing pack , cannulea, octopus, blower ,IABP cathetar drugs etc

**Personal Skills:**

* Confident in work
* Takes initiative to work independently or part of a group.
* Best team work provider
* Willing to accept new challenges.
* Positive attitude and dedicated to the work

**NAME AND TYPE OF MACHINES & EQUIPMENTS HANDLED:**  
  
  
**Heart lung machines:**  
Jostra H L 20, Maquet HL 20,Terumo Stockert S5  
Sarns 8000, 9000 models.  
  
**Oxygenators:**Can handle all types of adult and pediatric oxygenators.  
  
**Intra Aortic Balloon Pumps**:   
Arrow,   
Datascope.

**Temperature Control Module:**

Jostra

Sarns

Maquet HCU 40, HCU 20

Terumo Stockert

**REFERENCES**

1. DR.PRASANNA SIMHA MOHAN RAO

Professor of cardio thiracic surgery

Sri Jayadeva Institute of Cardio Vascular Science and Research Bengaluru India

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Email :prasannasimha@gmail.com

2. Mr.T H KRISHNA PRASAD

Chief Cardiac Perfusionist

Sri jayadeva institute of cardiovascular science and research Bengalore,india

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3.Mr.PRAVEEN BK

Senior Perfusionist

Sri jayadeva institute of cardiovascular sciences and research bangalore

Mob:9448896128

**Declaration**

I hereby declare that the information provided above is true to the best of my Knowledge and belief.

Place:Bangalore signature

Date: Neethu Elias