



MUHAMMED NIDAL

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MAINPROJECT

OPTIMIZATION OF BLOOD AND PLATELETS REQUIREMENT DURINGCARDIO-PULMONARY BYPASS

This project describes about the requirement of the blood and platelet that arises during cardio-pulmonary bypass.

SKILLS AND KNOWLEDGE

DUTIES AND RESPONSIBILITIES

- Prepare the heart-lung machine for cardiopulmonary bypass
- Provide consistent safe perfusion services while ensuring equipment is functioning optimally
- Prepare/Present case studies and research projects.

INTERNSHIP

SREE BALAJI MEDICAL COLLEGE AND HOSPITAL, CHENNAI, TAMILNADU, INDIA

DURATION OF THE PROGRAM: 2021 TO 2022.

AREA OF EXPOSURE: CARDIAC PERFUSION.

EXPERIENCE

KIMS HEALTH HOSPITAL TRIVANDRUM, KERALA, INDIA.

DURATION OF THE PROGRAM:

22-10-2022 TO 17-04-2023

AREA OF EXPOSURE:

CPB MACHINE, RETROGRADE AUTOLOGOUS PRIMING, CUF, CPB MACHINE , HEART LUNG MACHINE , ECMO INTRA-AORTIC BALLOON PUMP [IABP].

CAREER OBJECTIVE

Looking to join an energetic perfusion team where I can utilize my skills and experience that I have acquired from Sree Balaji medical College and hospital to provide safe, clinical perfusion care and for thorough understanding I have completed observership from Kims Health.

SKILLS

Advanced knowledge with the related perfusion/surgical equipment | Patient care | Analytical skills| People management | Strong organizational skills| Extremely detail -oriented |Ability to remain calm in emergency situations|.

EDUCATION

B.SC.CARDIAC PERFUSION TECHNOLOGY

Sree Balaji Medical College and Hospital Chennai, Tamil Nadu(2017 – 2021)

PLUS, TWO (+2)

St. Goretti HSS Punalur, Kerala,(2015 – 2017)

TENTH (10TH)

St. John's School Anchal, Kerala, India, (2014 – 2015)

PERSONAL DETAILS

Year of Birth: 1999

Nationality : Indian

Languages : English, Malayalam, Tamil, Hindi.

Address Line 1: Charuvilla puthan veedu, Anchal PO Kollam, Kerala.

Address Line 2: Noor Mahal , Murukumon , Nilamel P.O .Kollam dist, Kerala, India
Pin code 691535

DECLARATIONS

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge.

-Muhammed Nidal



HR/TRCERT/2023
17th April 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Muhammed Nidal** has completed observership in the department of **Cardiac Surgery** as Observer - Perfusionist from 19th October 2022 to 17th April 2023.

KIMSHEALTH is a 650 bedded quaternary care super specialty hospital with ACHSI (Australian Council on Health Care Standards International) and NABH (National Accreditation Board for Hospitals & Health Care Providers) accreditations. **KIMSHEALTH** is certified with all accreditations under NABH umbrella which includes NABL accredited Laboratory, NABH accredited Blood Bank, NABH Medical Imaging Services, NABH Nursing Excellence, NABH Emergency Department Certification and NNF (National Neonatology Forum) Level 3 Neonatal ICU.

We wish him all success in his future endeavors.

For **KIMSHEALTH**,

Anusha
17/4/23

Anusha Aman
Manager – Human Resources



KIMS HEALTH CARE MANAGEMENT LIMITED

Reg. Office : Kumarapuram, Poonthi Road, Anamukham P B, Anayara P O, Trivandrum, Kerala, India - 695 029
[T : +91 471 2941000 | E : cs@kimshealth.org | www.kimshealth.org | CIN : U85110KL1995PLC009336 | GST: 32AABCT2300C1ZC

Trivandrum | Kollam | Kottayam | Perinthalmanna

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BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act 1956)

(Vide Notification No.E9-5/2000-U.3, Ministry of Human Resource Development, Govt. of India, dated 4th July 2002)

173, Agharam Road, Selaiyur, Chennai - 600 073, Tamilnadu, INDIA

INSTITUTION
SREE BALAJI MEDICAL COLLEGE AND HOSPITAL

Register No.
PM17CPT065

Serial No.
P2022/UG/AHS/048

PROVISIONAL CERTIFICATE

This is to Certify that **MUHAMMED NIDAL** has qualified for the Degree of **Bachelor of Science (B.Sc) in ALLIED HEALTH SCIENCE** in the specialty of **CARDIAC PERFUSION TECHNOLOGY**, he having passed the Final Degree Examination held in **JANUARY - 2021** and completed one year Internship period.




CONTROLLER OF EXAMINATIONS


REGISTRAR



SREE BALAJI MEDICAL COLLEGE & HOSPITAL

7 WORKS ROAD CHROMEPET CHENNAI 600 044 TAMIL NADU
TEL 91 44 22415600 /01 /02 /03 42911000 FAX 91 44 22415051
(BHARATH UNIVERSITY)

COURSE COMPLETION - CUM- CONDUCT CERTIFICATE

SCHOOL OF ALLIED HEALTH SCIENCES

This is to certify that **Muhammed Nidal**
was a bonafide student of this college
from **September 2017** to **March 2022**

pursuing B.Sc. AHS Cardiac - Perfusion Technology Degree Course.
he passed the Final year B.Sc., (AHS) University Examination of the
Bharath Institute of Higher Education & Research (BIHER),
Chennai, (Deemed to be University) held during January 2021

with **Reg No: PM17 CPT 065**

and has satisfactorily completed one year of Internship

from **02.03.2021** to **04.03.2022**

with the Dissertation titled

*"The Study of Optimization of Blood and Platelets Requirement During Cardio-
Pulmonary Bypass"*

During the above period his conduct and character were **good.**

Date: 21.03.2022



DEAN
SREE BALAJI MEDICAL COLLEGE & HOSPITAL
No. 7, Works Road, Chromepet,
Chennai-600 044.