



# AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

Website : [www.amalanursingcollege.org](http://www.amalanursingcollege.org)

**FIRST CYCLE NAAC ACCREDITATION 2022**

## CRITERION 1

## CURRICULAR ASPECTS

### 1.2 Academic Flexibility

#### *1.2.2 Syllabus of Add-on Courses*

*Submitted to*



**THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**SYLLABUS**  
**CERTIFICATION PROGRAMME ON**  
**NEONATAL RESUSCITATION**



**AMALA COLLEGE OF NURSING**  
**AMALA NAGAR, THRISSUR - 680555**

# AMALA COLLEGE OF NURSING

AMALA NAGAR P. O, THRISSUR - 680555



## PREFACE

Amala Institute of Medical Sciences, named after Mary Immaculate, is a Minority Christian Institution, which is open to all irrespective of religion, caste or creed. It aims at giving effective training to the youth to become nursing professionals devoted to the healing ministry, especially in the rural areas. It also strives to strengthen the quality of service offered in the large number of medical institutions run by the community. AIMS is a Unit of Amala Cancer Hospital Society managed by the Devamatha Province of the Carmelites of Mary Immaculate (CMI), founded by St. Kuriakose Elias Chavara, a sage-cum-savant. Amala, at present, offers an MBBS, Medical PG courses, Ph.D. Nursing, M.Sc. Nursing and B.Sc. Nursing courses and is affiliated to the Kerala University of Health Sciences. Students are admitted to this institute as per the admission procedure stipulated by the concerned authorities and in the tenor of the admission policy of the management.

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**Placement: B.Sc. Nursing**

*Theory* : 28 hours

*Practical* : 8 hours

**Title: Certificate Programme on Neonatal Resuscitation**

**COURSE DESCRIPTION:**

Being entrusted by parents to provide care for their newly born baby is both a privilege and an extra ordinary responsibility. The neonatal resuscitation programme is an educational programme designed to introduce the concepts and skills needed to resuscitate a new born child.

This programme is designed to provide a comprehensive training for nursing students to enable them to effectively manage a neonatal emergency. The NRP course is delivered using experienced practitioners who deal with neonatal emergencies on a regular basis. The course will be presented using case studies, skill stations, simulations and other interactive delivery methodologies. Learning strategies have been selected to help participant learn both cognitive and psychomotor skills.

## **AIMS AND OBJECTIVES:**

### **AIMS**

The aim of NRP is to prepare nursing students with skills and knowledge required to effectively manage and care for a new born in distress.

### **OBJECTIVES:**

On the completion of the certificate programme the students will be able to:

1. Recognize neonates requiring resuscitation
2. Demonstrate skill in carrying out initial steps of NRP.
3. Demonstrate skill in administering PPV
4. Show expertise in assisting ET Intubation and use of LMA
5. Initiate and deliver effective chest compressions
6. Practice safe and effective use of medications
7. Adapt professional responsibility in post resuscitation care of a neonate.
8. Practice professional expertise in dealing with ethical and legal issues

## COURSE OUTLINE:

Sl. No.	Time allotted	Learning Objective	Content	Teaching learning activity	Assessment
1	4 hour	Recognize neonates requiring resuscitation	Overview on NRP, changes in physiology that occur when a baby is born, sequence of steps to follow during resuscitation, arrange equipment and personnel for resuscitation	Lecture cum discussion, demonstration	Short answer type question
2	4 hours	Demonstrate skill in carrying out initial steps of NRP.	Decide if new born needs resuscitation, open airway and provide initial steps, resuscitate meconium if present provide free flow oxygen or CPAP, attach oximeter and interpret readings	Lecture cum discussion, Demonstration	Re-demonstration, Short answer type question
3	4 hours	Demonstrate skill in administering PPV	Indications of positive pressure ventilation, similarities and difference between different oxygen delivery devices, assessing oxygenation, correct placement of mask, evaluating success of bag and mask ventilation	Lecture cum discussion, demonstration	Short answer type question, Re-demonstration

<b>Sl. No.</b>	<b>Time allotted</b>	<b>Learning Objective</b>	<b>Content</b>	<b>Teaching learning activity</b>	<b>Assessment</b>
4	4 hours	Show expertise in assisting ET Intubation and use of LMA	Indications of ET intubation, preparation and assistance in intubation	Lecture cum discussion, Demonstration	Short answer type question
5	4 hours	Initiate and deliver effective chest compressions	When to begin chest compression, how to administer and coordinate with PPV, when to stop chest compression	Lecture cum discussion, Demonstration	Short answer type question, Re-demonstration
6	4 hours	Practice safe and effective use of medications	Medications- Indications route and techniques of administrating	Lecture cum discussion Demonstration	Short answer type question, Re-demonstration



<b>Sl. No.</b>	<b>Time allotted</b>	<b>Learning Objective</b>	<b>Content</b>	<b>Teaching learning activity</b>	<b>Assessment</b>
7	2 hour	Adapt professional responsibility in post resuscitation care of a neonate.	Post resuscitation care and monitoring of a neonate	Lecture cum discussion	Short answer type question
8	2 hour	Practice professional expertise in dealing with ethical and legal issues	Ethical and legal issues, end of life care, parental support and counseling	Lecture cum discussion	Short answer type question

### **METHODS OF TEACHING:**

The core module for NRP includes classroom teaching, discussion, demonstration and simulation. All the essential skills will be demonstrated to the students and re-demonstration will be taken from them. Case scenario will be given to practice learned skills.

### **METHOD OF EVALUATION:**

Simulation: Students will be given a scenario and will be evaluated

Evaluation will be conducted at the completion of the course using a structured questionnaire containing 25 objective type questions carrying 50 marks.

### **CREDENTIALING:**

Participants will be awarded with one credit on successful completion

# **AMALA COLLEGE OF NURSING**

## **VISION**

To establish a Center of Excellence providing value- added education that combines effective teaching, focused academic exposure, and productive research with the aim of training healthcare personnel with professionalism and spirit of love and service as their hallmarks.

## **MISSION**

We constantly seek to recruit brilliant staff and provide state-of-the art infrastructure in an Eco-friendly ambience with a view to challenging the students to become forward-looking dedicated graduate nurses imbued with compassionate love towards all, especially the poor and the marginalized.

