

**Swarnnim Startup and Innovation University, Gandhinagar**

**Aarihant Ayurvedic Medical College**

**VALUE ADDED COURSE (2022-23)**

**Kaumarbhritya Department.**

**Course name – Clinical utility of Advanced Neonatal Resuscitation Techniques in medical practice.**

**Organizing Department – Kaumarbhritya Department.**

**Course code – KBART1**

**Course co-ordinators – Vd. Kavita Ugale**

**Duration – 32 hours**

**Date – 3<sup>rd</sup> June 2022 to 23<sup>rd</sup> July 2022**

**Aims**

1. To Develop and disseminate evidence based Neonatal Resuscitation education.
2. To improve neonatal health by having an expert provider at every birth.

**Objectives**

1. To understand the role of Neonatal Resuscitation in clinical practice.
2. To learn the skill of demonstrating effective treatment protocols and emergency management in various situation.
3. Develop hands on skills in neonatal resuscitation techniques
4. Integrate Ayurvedic principles and practices in neonatal care.

## Content of the course

Sr.no.	Module	Duration
1.	Introduction to Neonatal Resuscitation	2 hours
2.	Importance of effective Resuscitation	2 hours
3.	Physiology of Neonatal Respiration and Circulation	2 hours
4.	Initial assessment and Stabilization	2 hours
5.	Apgar scoring and its limitations	2 hours
6.	Thermoregulation, positioning, and suctioning	2 hours
7.	Ventilation and chest compressions	2 hours
8.	Hands-on practice with mannequins	2 hours
9.	Ayurvedic Perspectives in Neonatal care	2 hours
10.	Use of Ayurvedic herbs and therapies in neonatal care	2 hours
11.	Medication and Fluid management	2 hours
12.	Advance techniques; CPAP, Intubation, and Chest Tubes	2 hours
13.	Hands-on practice with mannequins	2 hours
14.	Case Scenarios and Simulation training	2 hours
15.	Real-life scenarios and group discussions	2 hours
16.	Assessment and Certification	2 hours

## Teaching aids

PPTs, Video, Demonstration, and Discussion.

## Assessment criteria

Assessment would be done based on oral examination, presentation. The certificate would be provided on successful completion of the course.

**Eligibility criteria** - Medical Students – UG, PG students of BAMS.

