

GODAVARI FOUNDATION

# GODAVARI COLLEGE OF NURSING

JALGAON -MAHARASTRA

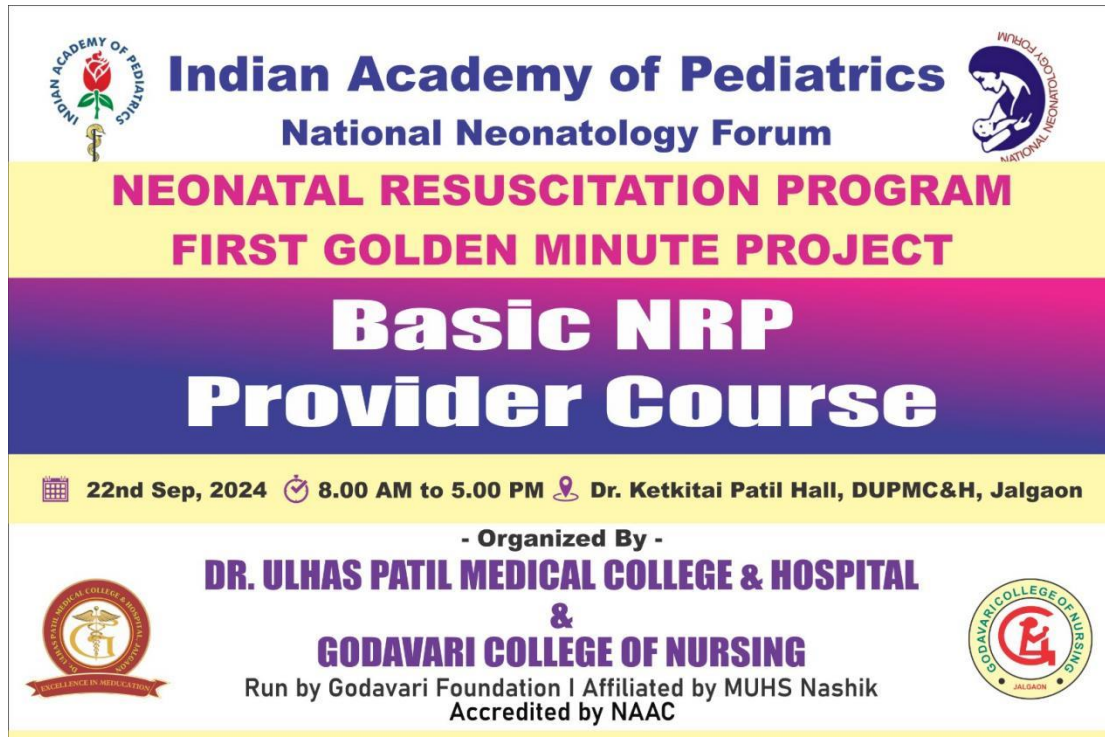
**((ISO-9001:2015 CERTIFIED INSTITUTE))**



## **REPORT ON BASIC NRP PROVIDER COURSE, FIRST GOLDEN MINUTE PROJECT**



# REPORT ON THE BASIC NRP PROVIDER COURSE ON 22<sup>ND</sup> SEPTEMBER 2024



**Indian Academy of Pediatrics**  
**National Neonatology Forum**

**NEONATAL RESUSCITATION PROGRAM**  
**FIRST GOLDEN MINUTE PROJECT**

**Basic NRP**  
**Provider Course**

22nd Sep, 2024 8.00 AM to 5.00 PM Dr. Ketkitai Patil Hall, DUPMC&H, Jalgaon

- Organized By -  
**DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL**  
&  
**GODAVARI COLLEGE OF NURSING**

Run by Godavari Foundation | Affiliated by MUHS Nashik  
Accredited by NAAC

## 1. Introduction

The Neonatal Resuscitation Program (NRP) Basic Provider Course, conducted on 22nd September 2024, was aimed at equipping healthcare professionals with the essential skills and knowledge required to perform neonatal resuscitation effectively. The NRP is an internationally recognized program developed by the American Academy of Pediatrics (AAP) and the American Heart Association (AHA). The training was designed for a wide range of medical staff, including physicians, nurses, midwives, and respiratory therapists, involved in newborn care.

Godavari College of Nursing, and Dr. Ulhas Patil Medical College and hospital collaboration with Indian Academy of Pediatric (IAP) & NNF is organizing Basic provider course on 22<sup>nd</sup> Sept 2024 at 8am to 5pm in venue Dr. Ketkitai Patil Hall, Jalgaon.

## Theme: Neonatal Resuscitation Program

Date: 22<sup>nd</sup> September 2024

Time: 08:00 a.m. – 05:00 p.m.

Organized by : Dr.Ulhas Patil Medical College and hospital & Godavari College of Nursing collaboration with Indian Academy of Pediatric (IAP)& NNF

Coordinator : Dr.Priyadarshani Moon. (Associate Professor, Godavari college of nursing,Jalgaon)

### Programme Schedule :



<b>08:00 am – 09:00 am</b>	Faculty meeting	Conducted by lead Instructor
<b>08:30am – 09:00 am</b>	Breakfast & Registration	
<b>09:00 am – 09:30 am</b>	Inauguration	Welcome, Introduction, Plan of the day
<b>9:30 am – 10:30 am</b>	Skill Station (Session 1)	Preparation for Birth
<b>10:30 am – 11:30 am</b>	Skill Station (Session 2)	<ul style="list-style-type: none"><li>• Routine care,</li><li>• Initial steps (Include observational care)</li></ul>
<b>11:30 am – 01:00 pm</b>	Skill Station (Session 3)	<ul style="list-style-type: none"><li>• Brief Ventilation</li><li>• Prolonged Ventilation with Normal HR</li><li>• Prolonged Ventilation with Slow HR</li></ul>
<b>01:00 pm – 01:30 pm</b>	<b>LUNCH</b>	
<b>01:30 pm – 03:30 pm</b>	Skill Station (Session 4)	<ul style="list-style-type: none"><li>• Performance Evaluation Test (Instructor will first demonstrate than all the participants must complete the test)</li></ul>

<b>03:30 pm – 04:00 pm</b>	Feedback	<ul style="list-style-type: none"> <li>● Filling up of feedback form by the participants &amp; verbal feedback</li> </ul>
<b>04:00 pm – 04:30 pm</b>	Valedictory	<ul style="list-style-type: none"> <li>● Certificate Distribution</li> <li>● Group Photograph</li> </ul>

### **Instructor Team**

1. Dr Anant Bendale (Lead instructor)
2. Dr Priyadarshani Moon (Course Coordinator / Instructor)
3. Dr Majid Khan (Instructor)
4. Dr Syuog Tannirwar (Instructor)

### **Qualifications:**

- The instructor team comprised highly experienced professionals with extensive backgrounds in neonatal care and medical education.

## **2. Course Objectives**

The primary objectives of the NRP Basic Provider Course were to:

- Improve participants' ability to identify newborns requiring resuscitation.
- Equip learners with skills to stabilize and manage newborns in distress.
- Strengthen communication and teamwork during neonatal emergencies.
- Promote adherence to the latest evidence-based neonatal resuscitation guidelines.

## **3. Course Structure**

The course was divided into two components: an online theoretical module and an in-person practical session.

**Online Theoretical Module:** Prior to attending the practical workshop, participants were required to complete an online self-paced learning module covering the key concepts of neonatal resuscitation, including preparation, initial steps of care, positive pressure ventilation (PPV), chest compressions, and medications.

**In-Person Practical Session:** On 22nd September, the in-person practical component took place at [Insert Venue Name]. The session focused on hands-on training, where participants practiced various resuscitation techniques on neonatal simulators. Scenarios included newborns with respiratory distress, cardiac arrest, and

compromised vital signs. Skills such as bag-mask ventilation, and chest compressions were emphasized.

#### **4. Course Highlights-**

**Simulation-Based Learning:-** The use of high-fidelity simulators allowed participants to engage in realistic neonatal resuscitation scenarios. This immersive experience provided immediate feedback, allowing participants to refine their techniques in a controlled environment.

**Team Dynamics and Leadership:** Participants practiced in multidisciplinary teams, mimicking real-life neonatal resuscitation teams. This emphasized the importance of effective communication, role clarity, and leadership during critical neonatal situations.

**Adherence to Updated Guidelines:-**The course followed the 2024 NRP guidelines, which included updates on ventilation strategies and timing of interventions. The training ensured that participants were familiar with the latest evidence-based practices.

#### **5. Participant Feedback-**

The feedback from the participants was overwhelmingly positive. Most of the attendees appreciated the blend of theory and practical skills, especially the hands-on experience with simulators. Key takeaways included the enhanced confidence in performing neonatal resuscitation and a better understanding of the team-based approach during emergencies.

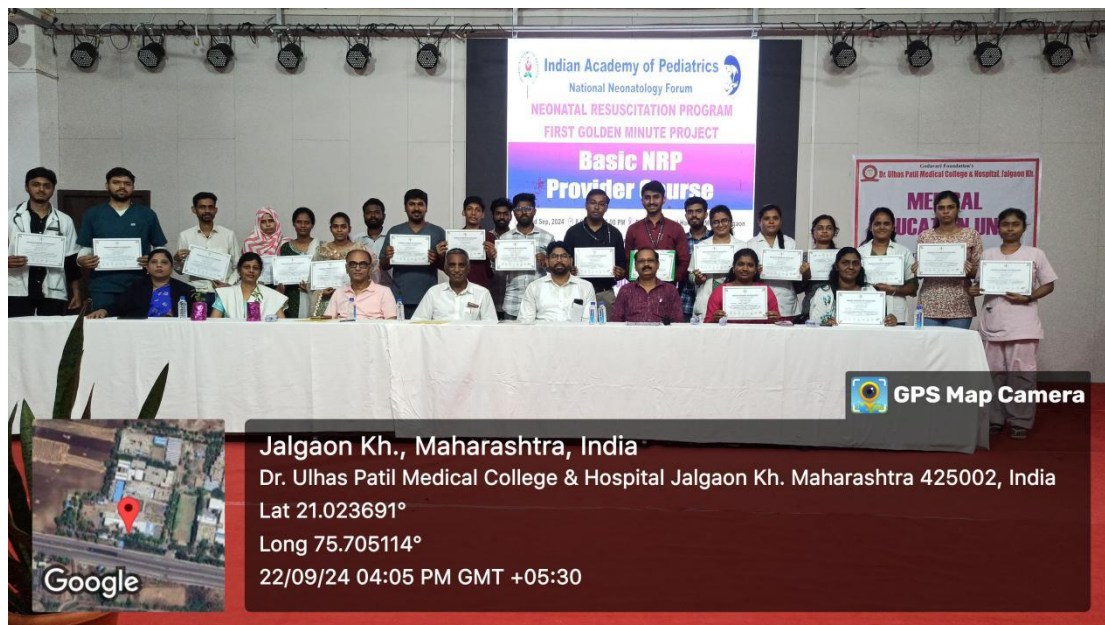
However, a few participants suggested extending the time allocated for the practical sessions to allow more opportunities for skill repetition, especially for complex procedures like intubation.

#### **6. Conclusion**

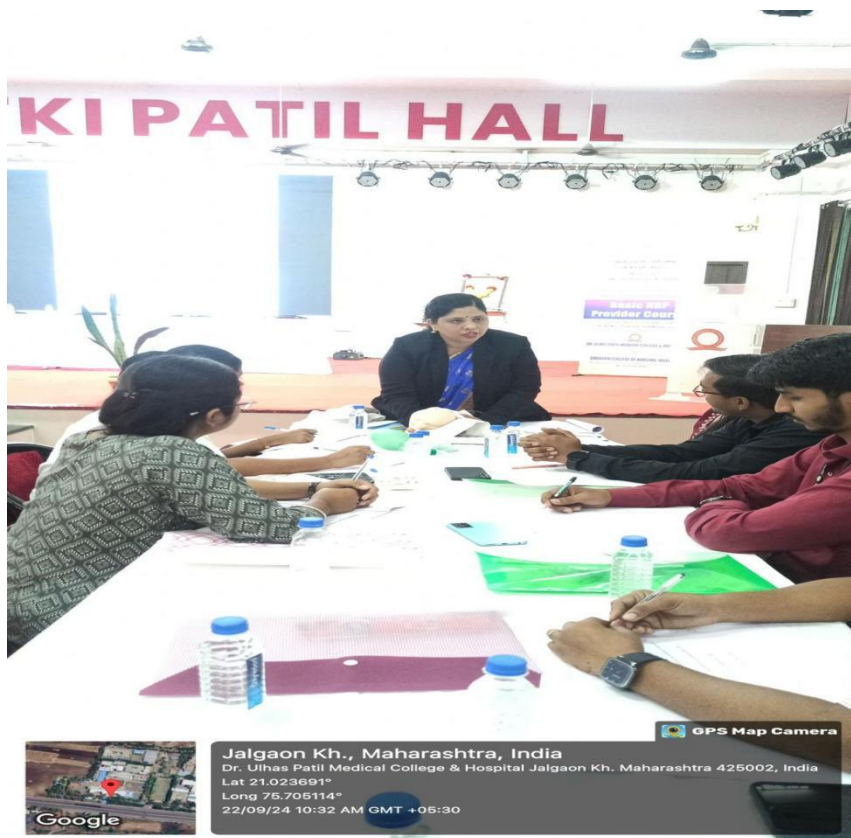
The NRP Basic Provider Course on 22nd September 2024 was a resounding success, effectively meeting its objective of enhancing participants' neonatal resuscitation skills. The combination of theoretical knowledge, simulation-based practice, and teamwork exercises prepared healthcare professionals to manage neonatal emergencies more effectively. This course continues to be a crucial step in improving neonatal outcomes by ensuring that healthcare providers are well-trained in life-saving techniques.

## 7. Recommendations

- Extend practical session duration to allow for more in-depth practice of complex procedures. Incorporate additional case-based discussions for various neonatal complications to further enhance critical thinking. It is recommended that participants undergo periodic refresher courses and advanced neonatal resuscitation training to maintain proficiency and stay updated on any future changes to the guidelines. Additionally, integrating NRP training into continuous professional development (CPD) programs could ensure sustained competency in neonatal care.













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