



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University)

Grade 'A++' Accredited by NAAC

MGM NEW BOMBAY COLLEGE OF NURSING

WORKSHOP

ON

NEONATAL RESUSCITATION PROGRAM



23rd July & 13th August 2022

Organized By

Department of Child Health Nursing

In collaboration with

Indian Academy of Paediatrics &

National Neonatology Forum



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Report of the Workshop

“Neonatal Resuscitation Program”

Date: 23/07/2022 &13/08/2022

Aim: The workshop focuses on the skill-based training for nursing students regarding Neonatal resuscitation.

Objectives:

1. To provide knowledge regarding the care of baby at birth and New born resuscitation
2. To enhance the skills of students regarding neonatal resuscitation using neonatal simulator
3. To build the team work and communication skills of students during simulation and debriefing
4. To evaluate the student's hands on skills on New born resuscitation.

Participants:

Total 65 participants registered and participated for the workshop on Neonatal Resuscitation program. The participants were Undergraduate Nursing students and teaching faculties.



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Brief Report on the Sessions

Introduction:

Neonatal Asphyxia accounts for 20.9% of neonatal deaths. Although the vast majority of newly born infants (90%) do not require intervention to breathe during transition from intrauterine to extra uterine life, approximately 10% of the Newborn's require some assistance to begin breathing at birth, and about 1% requires extensive resuscitative measures. Nurses are a vital part of the neonatal care team need to be well versed regarding Newborn resuscitation The overall goal of the workshop is to give training to the student nurses to enhance their knowledge and skill for neonatal resuscitation.

Commencement of the workshop

The training workshop commenced with welcoming all the participants and then Ms. Nisha Mane, Assistant Professor, MGM New Bombay College of Nursing had introduced the objectives of the workshop. Mrs. Preeti Maria Mathew, Associate Professor, MGM New Bombay College of Nursing delivered the welcome address and apprised the delegates regarding importance of this program in reducing the neonatal mortality rate in our country. Pre-test link was given to the participants one day prior to the workshop.

Skill Station 1: - Preparation for Birth

This training session was demonstrated by Dr. Anjali Otiv, Professor and HOD, Terna Medical college. Dr. Anjali explained the preparation at birth which included, assessing the risk factors in the mother and planning accordingly, ensuring that labor room is warm and the radiant warmer is preheated, infection control measures, preparing the equipment's and supplies and checking the function of bag and mask.



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Skill Station 2: - Routine care

This Session was demonstrated by Ms. Ratna Deore, Principal, Pratibha School of Nursing. After the child is delivered the routine care was demonstrated which included noting the time of delivery, receiving baby in dry and warm linen, placing the baby prone on mother's abdomen, turning the head to one side, wiping the secretion if visible, assess for spontaneous breathing/crying, tying and cutting cord in 1-3min and advising the mother in initiating breast feeding.

Skill Station 3: - Initial steps

This Session was demonstrated by Ms. Ratna Deore, Principal, Pratibha School of Nursing. After the routine care if the newborn did not breath or cry then the following steps were demonstrated which included place the baby on radiant warmer after tying and cutting the cord, positioning the child, suctioning, stimulating and repositioning, then reassessing spontaneous breathing.

Skill Station 4: Brief Ventilation

This session was demonstrated by Mrs. Anita Hande, Matron, LTMG, Hospital, Sion. The baby is still not breathing well, then brief ventilation was demonstrated which included selecting appropriate size mask, positioning, ventilation for 30 seconds at 40-60 breaths per minute, clear airway. Assess for spontaneous breathing, if yes, gradually discontinue positive pressure ventilation and provide observational care.



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Skill Station 5:- Prolonged ventilation with normal HR and slow HR

This session was demonstrated by Mrs. Urmila Paradkar, Sr Tutor, KEM Hospital. After brief ventilation assess the newborn for breathing, if no spontaneous breathing, then the following steps were demonstrated, continue ventilation, add oxygen, check the heart rate, continue ventilation and reassess after 30 seconds for spontaneous breathing, gradually discontinue positive pressure ventilation, assess for breathing and provide post -resuscitation care. After prolonged ventilation if the heart rate is slow less than 100bpm, continue ventilation and baby is handed over to a person trained in advanced care or referral is arrange

Skill Station 6:- Performance evaluation

The last session students redemonstrated the skills that they learnt from skill station 1 to skill station 5. The performance of the student was evaluated and certificate of the workshop were distributed

Conclusion

The workshop was comprehensive demonstration of Algorithm for neonatal resuscitation. Workshop concluded at 4.30 pm with a vote of thanks by Ms. Anna Hima Thomas, Assistant Professor, MGM New Bombay College of Nursing. Post-test link was then given to the participants. The knowledge score was high in the post-test compared to the pre-test, hence proving the workshop to be useful and effective for all the participants. The feedback link was given to the participants towards the end of the third session to share their Webinar to be useful and effective for all the participants.

Organizing Secretary
Ms. Nisha Mane

Director
Dr. Prabha K Dasila



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PROGRAMME SCHEDULE:

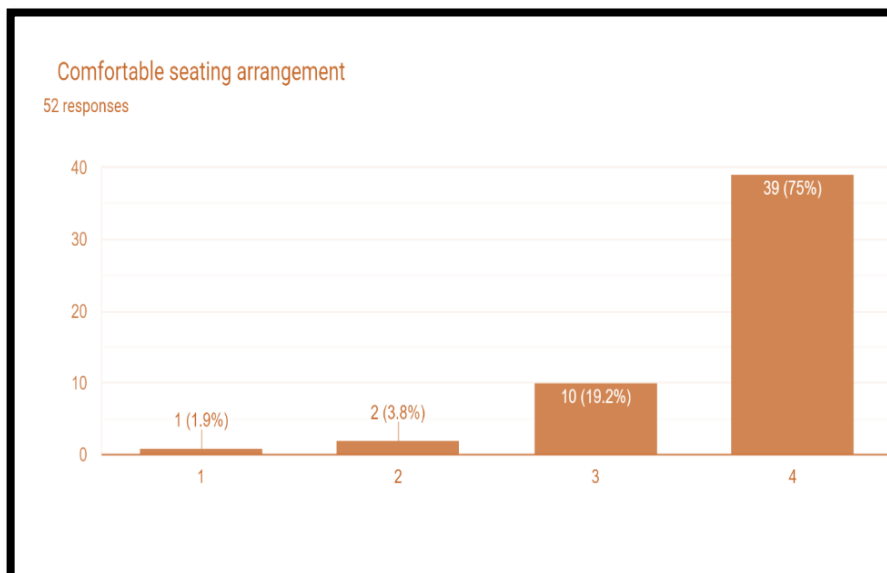
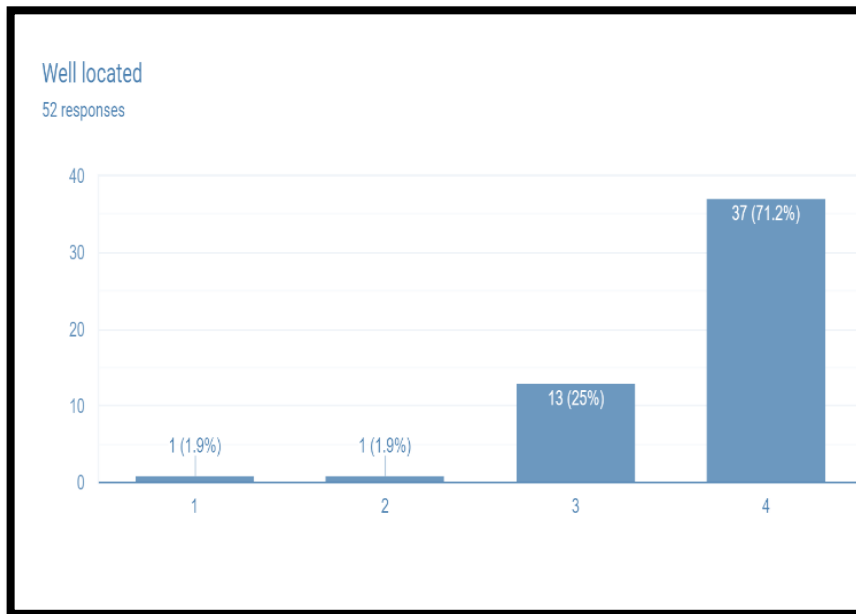
TIME	SESSION TITLE	RESOURCE PERSONS
24.07.2022 & 13.08.2022		
08.00am to 09.00 am	Student and Faculty meeting	Ms. Nisha Mane, Lecturer, MGMNBCON
08.30am to 09.30 am	Breakfast and Registration	Ms. Nisha Mane, Lecturer, MGMNBCON
09.30am to 10.00 am	Inauguration	Mrs.Susan Jacob, Professor, MGMNBCON
10.00am to 11.00 am	Skill station I- Preparation for Birth	Dr. Anjali Otiv, Prof and HOD Terna Medical College
11.00 am to 12.30 pm	Skill Station II- Routine care and initial steps	Ms. Ratna Deore Principal, Pratibha School Of Nursing
12.30pm to 1.30 pm	Lunch	
01.30pm to 3.00 pm	Skill Station III- Brief Ventilation, Prolonged ventilation with normal HR, Prolonged ventilation with slow HR	Mrs. Anita Hande, Maton,LTMG Hospital Sion
03.00pm to 04.30 pm	Skill station IV- Performance evaluation test	Mrs. Urmila Paradkar, Sr Tutor, KEM Hospital
04.30pm to 04.40 pm	Feedback	Ms. Anna H Thomas, Lecturer, MGMNBCON
04.40pm to 05.00 pm	Valedictory	Ms. Anna H Thomas, Lecturer, MGMNBCON



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FEEDBACK ANALYSIS

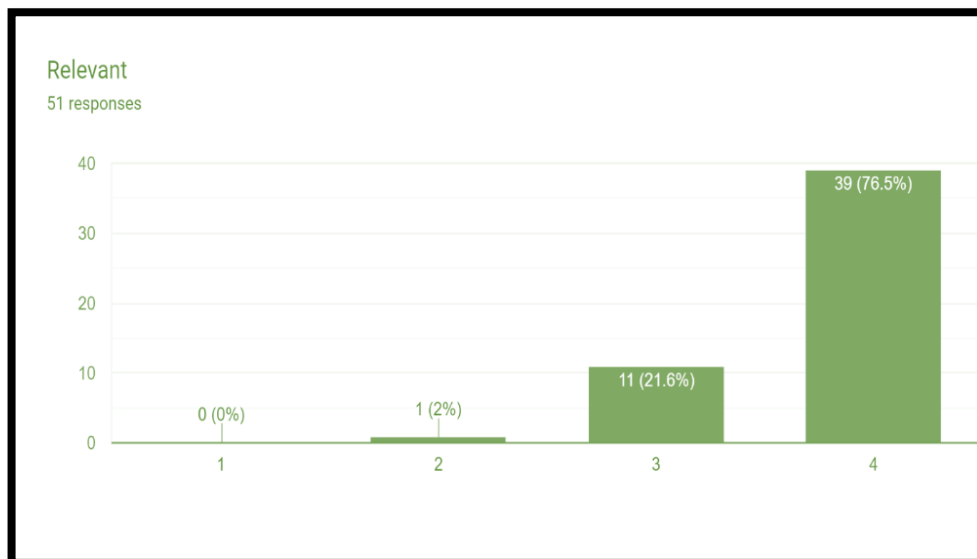
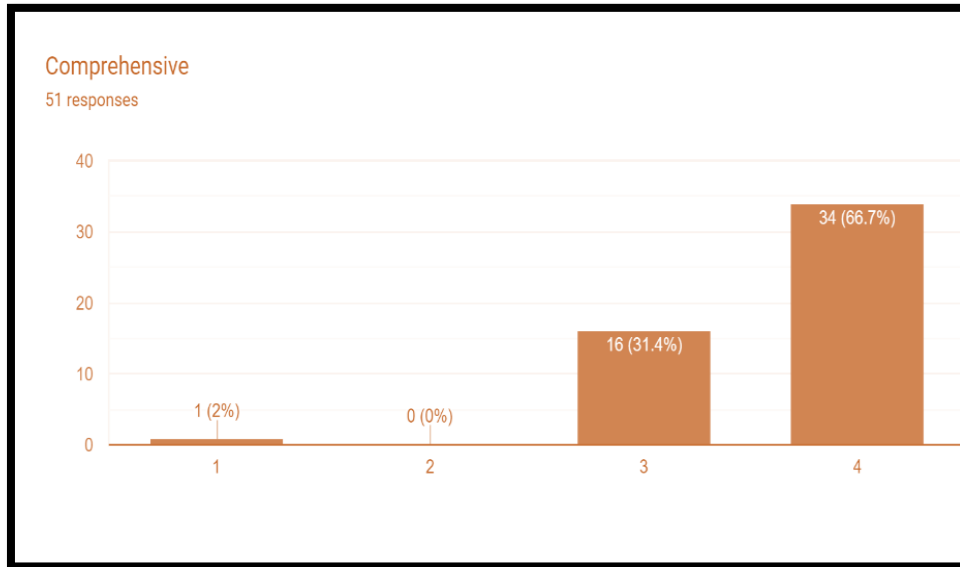
Venue





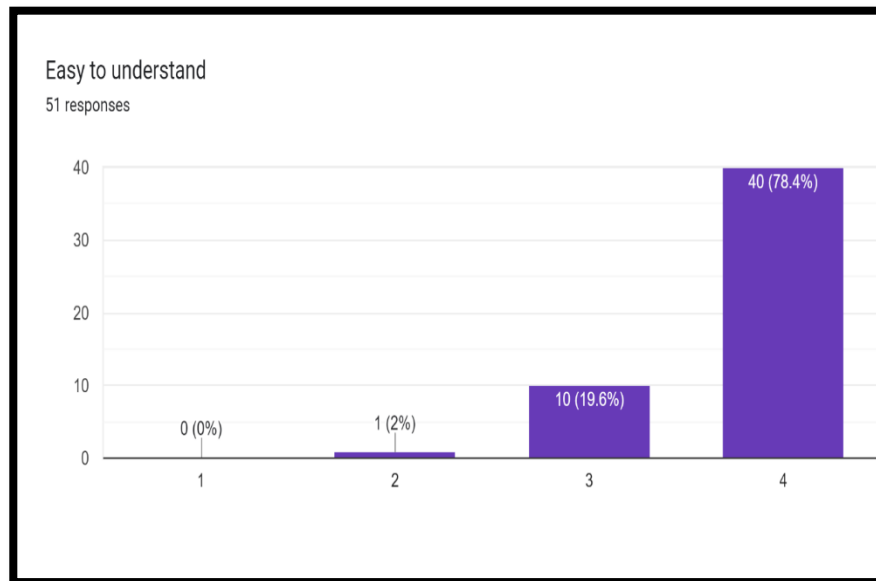
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Workshop Content

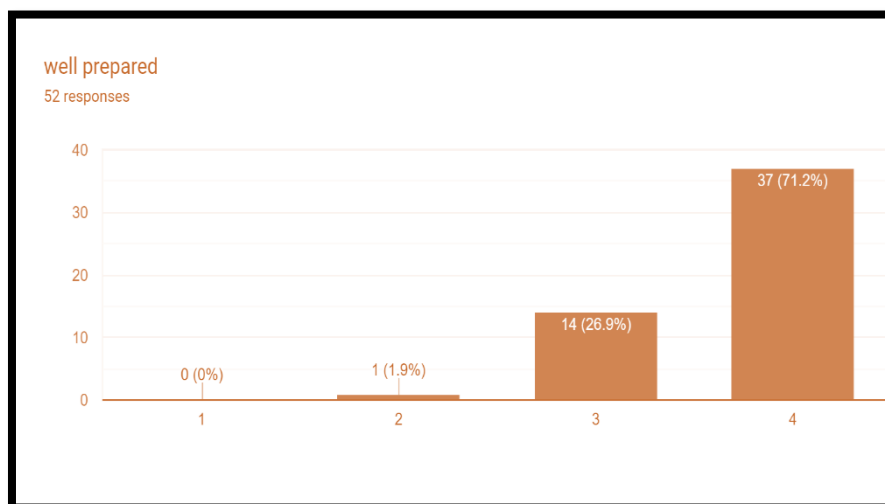




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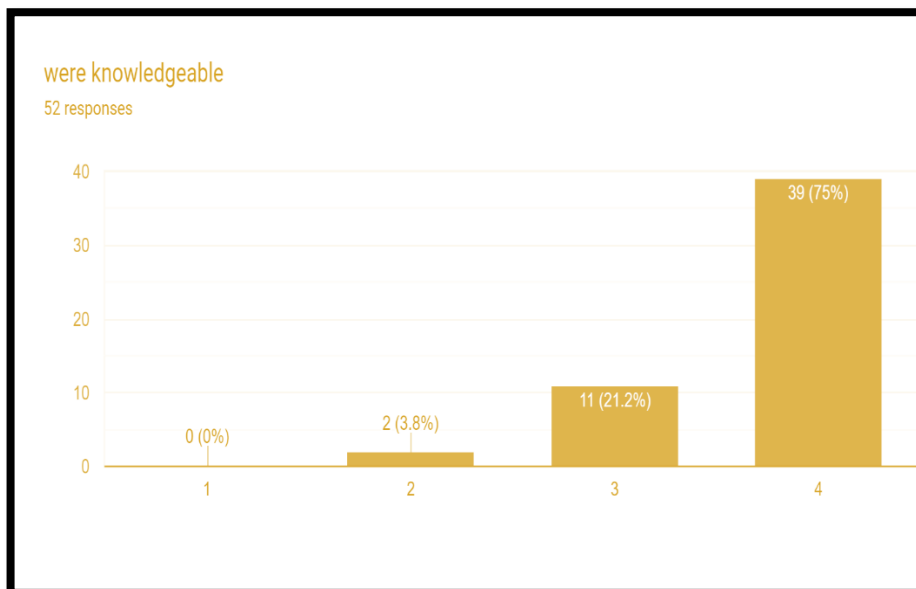
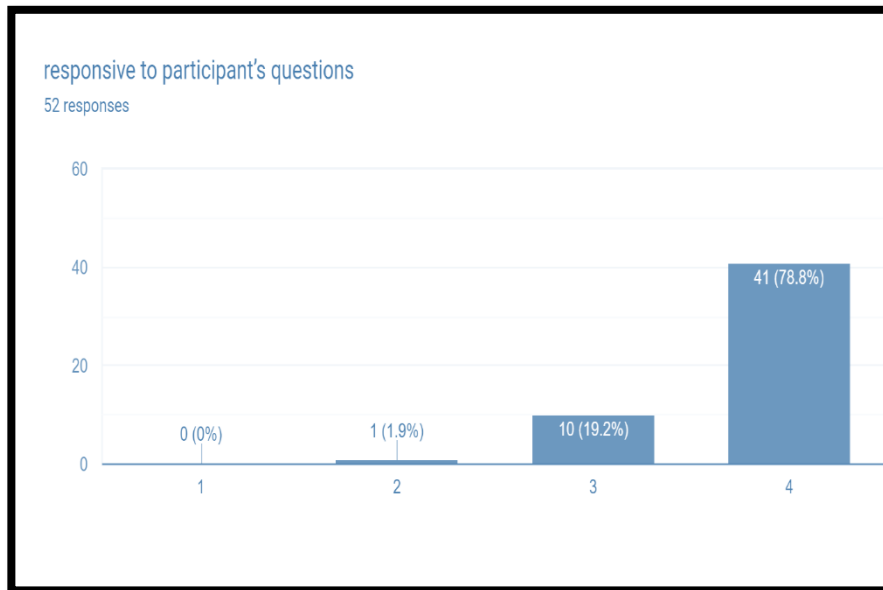


Facilitators





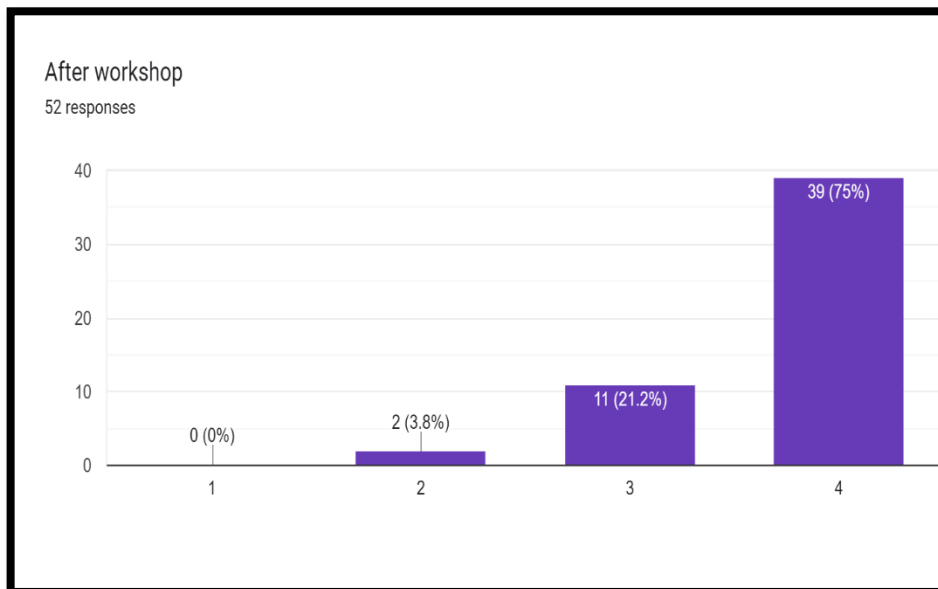
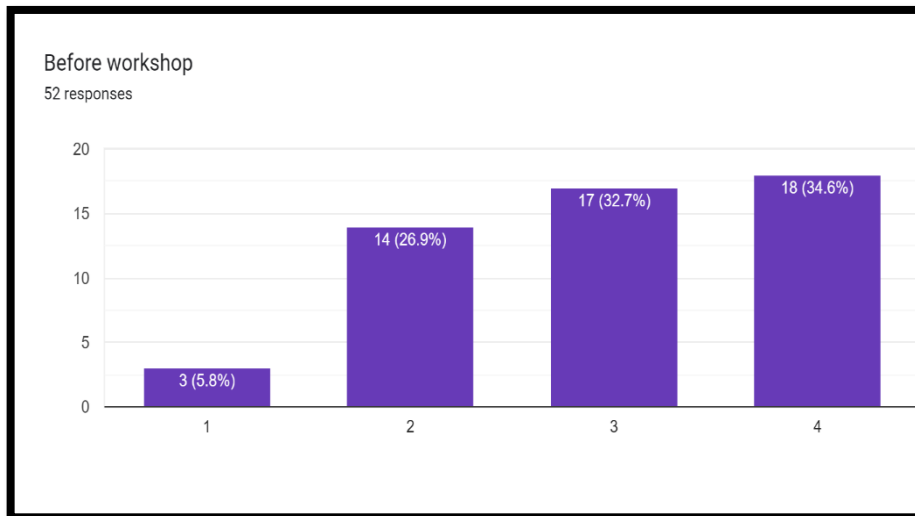
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Confidence in Performing Neonatal Resuscitation





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The above graphs depict the feedback of the participants on the workshop in terms of strongly disagree to strongly agree in scale from 1 to 4

The feedback was interpreted as follows

S.no	Items	Participants feedback
1.	VENUE <ul style="list-style-type: none">• Well Located• Comfortable Seating arrangement	SA- 71.2%, A -25% SA- 75%, A -19.2%
2.	WORKSHOP CONTENT <ul style="list-style-type: none">• Relevant• Comprehensive• Easy to understand	SA- 76.5%, A -21.6% SA- 66.7%, A -31.4% SA- 78.4%, A -19.6%
3.	FACILITATORS <ul style="list-style-type: none">• Were knowledgeable• Well prepared• Responsive to participants questions	SA- 75%, A -21.2% SA- 71.2%, A -26.9% SA- 78.8%, A -19.2%
4.	CONFIDENCE IN PERFORMING NEONATAL RESUSCITATION <ul style="list-style-type: none">• Before workshop• After workshop	SA- 34.6%, A -32.7%, D-26.9% SA- 75%, A -21.2%

- Note – SA-strongly agree, A- Agree, D- Disagree

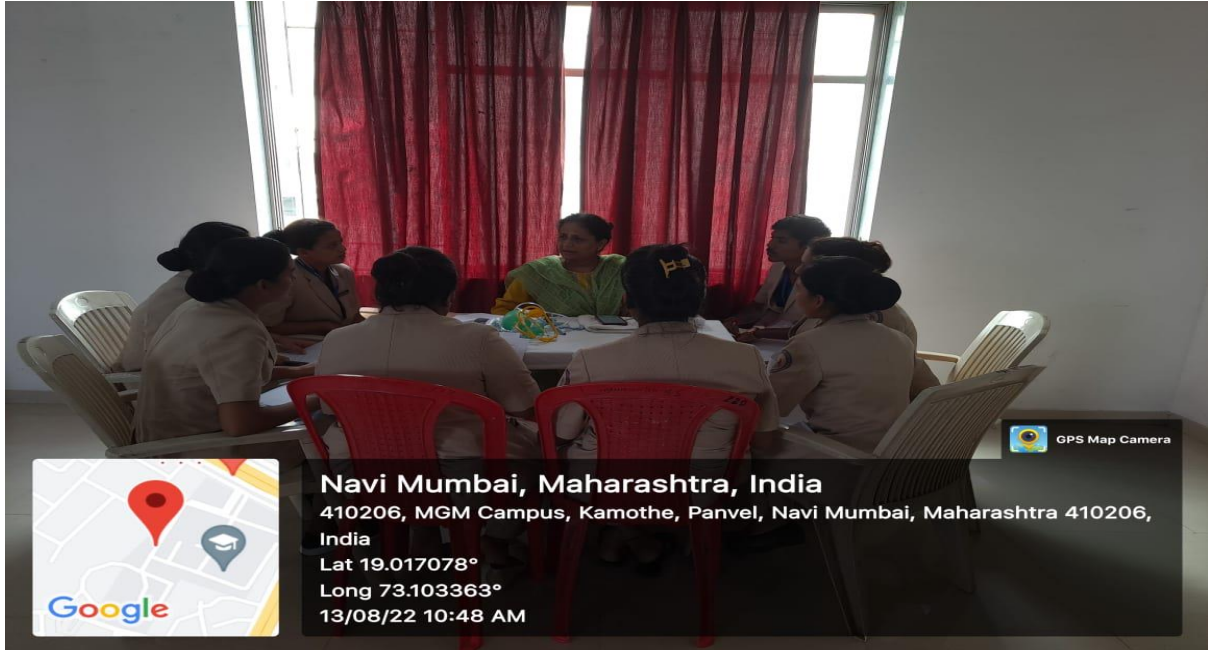


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