

## Program & Workshop – 2022 Report

### DEPARTMENT OF EMERGENCY MEDICINE

#### Basic Life support &

#### Advance cardiac life support - 2022

**DATE:** June 28, 29 and 30, 2022

**VENUE:** Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Puducherry

**NAME OF THE ORGANIZING DEPARTMENT:** Department of Emergency Medicine

**NAME OF THE SPONSORING AGENCY:** Sri Manakula Vinayagar Medical College and Hospital/ Indian institute of Emergency Medical service

**NATURE OF DELEGATES (PG/FACULTY):** Postgraduates of various departments, MBBS undergraduate students, Consultants, Paramedics

**NUMBER OF DELEGATES:** BLS – 32 ACLS - 30

#### DETAILS OF RESOURCE PERSON:

**Dr.R. Nithyaraj**

Assistant Professor,  
Department of Emergency Medicine  
SMVMCH,  
Puducherry.

**Dr. E. Kirubasankaran,**

Senior Resident,  
Department of Emergency Medicine  
SMVMCH,  
Puducherry.

**Dr. Archana,**

Assistant Professor,  
Department of Emergency Medicine,  
JIPMER,  
Puducherry.

**Dr. Sangeethadhanger,**

Department of Anaesthesia,  
Indira Gandhi Government Medical College

Puducherry

**DESCRIPTION OF THE EVENT:**

On June 28, 29 and 30, 2022, Department of Emergency Medicine of Sri Manakula Vinayagar Medical College and Hospital conducted “BLS, ACLS”. It was a 3 days event held from 9.30am to 4.30 pm at the Simulation lab.

The event started off with a prayer song. Dr. R. Nithyaraj, Assistant Professor and Incharge of Department of Emergency Medicine at SMVMCH gave Welcome address and introduced the guest speaker. He also unfolded them

Above mentioned faculties delivered speech about various topics and hands on training about BLS and ACLS and they spoke about the various skills on airway and technics in treating various cardiac rythms on periarrest and cardiac arrest, how to effectively help to revert the respiratory and cardiac arrest in adults. It was an informative, educational speech and training.

The event ended with a vote of thanks by Dr. E. Kirubasankaran, Senior Resident, Department of Emergency Medicine, and SMVMCH, followed by National Anthem.

# Introduction to Interprofessional Collaborative Practice and Teamwork

## Report

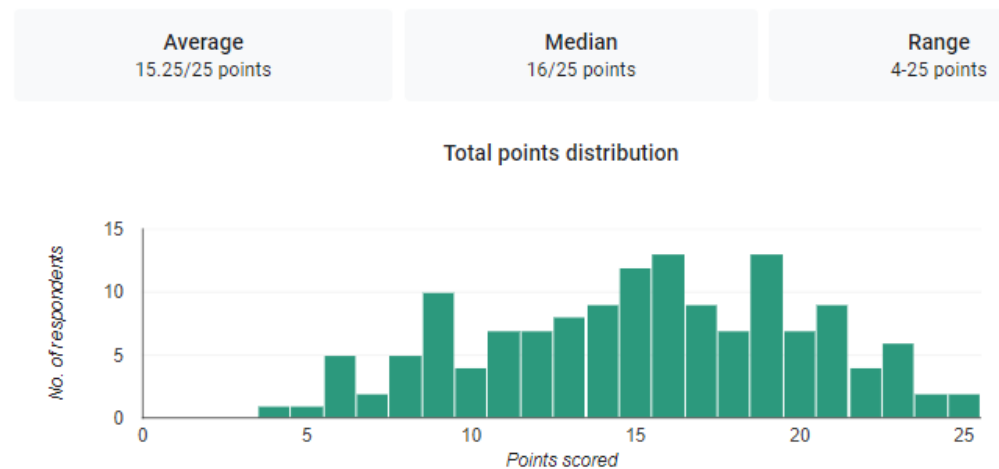
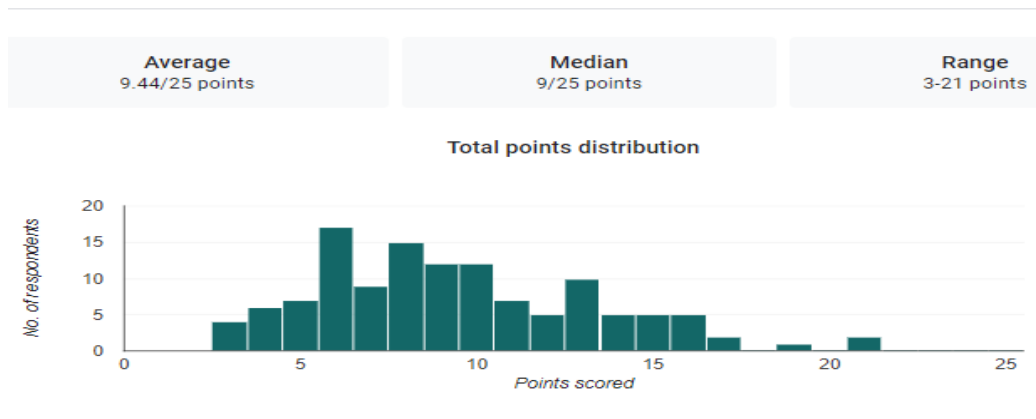
During their undergraduate days, medical students work and learn independently and have few opportunities to work as a team. Teamwork is essential for patient safety. Introduction to interprofessional collaborative practice and teamwork was conducted to orient newly joining interns to introduce them to these concepts and tools to help them become good team members. The session was conducted as a one-day workshop. The total number of participants was 150 and they were divided into six groups. The sessions were facilitated by Dr. Jayasree, Dr. Kanimozhi, and Dr. Preethi.

### Demographics:

Sixty percent of participants were female and forty percent were male. Majority (60%) were 22 years old.

### Knowledge:

Participants were assessed on their knowledge regarding various tools in communication, leadership, situation monitoring, mutual support, and competencies required for interprofessional collaboration.



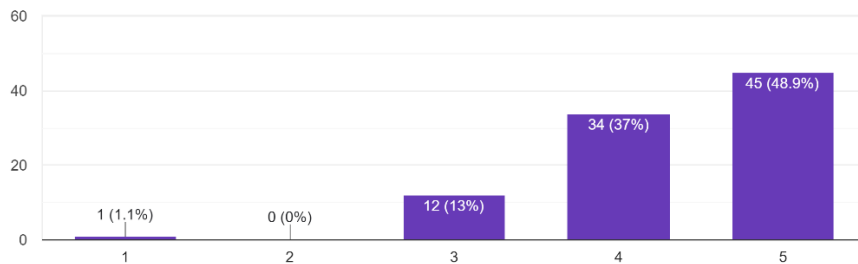
There was a significant improvement in their knowledge regarding teamwork and interprofessional collaboration. There was no improvement in defining effective leadership roles and situational awareness.

## Teamwork attitude

Eighty-five percent of them agree that communication is important to reduce adverse events but only fifty-five percent of them agree that communication is a skill that can be trained.

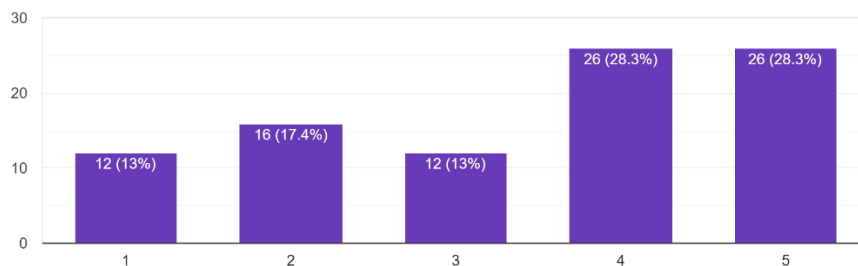
Adverse events may be reduced by maintaining an information exchange with patients and their families

92 responses



It is nearly impossible to train individuals how to be better communicators.

92 responses

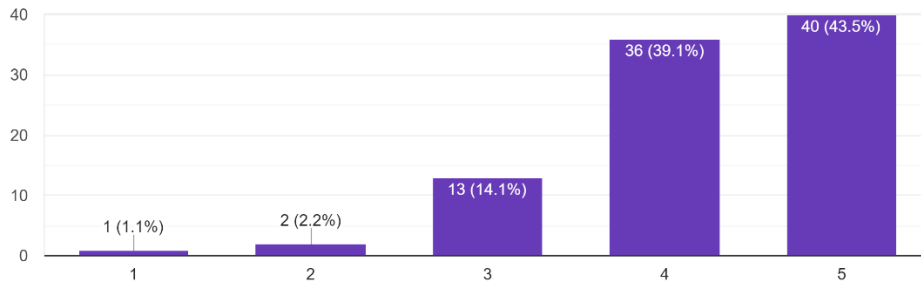


## Mutual support

Eighty-three percent of participants agree that task assistance is an effective tool for team performance but their opinion varies widely when to ask for and offer task assistance. The majority of them agree that they have to be assertive if patient safety is concerned.

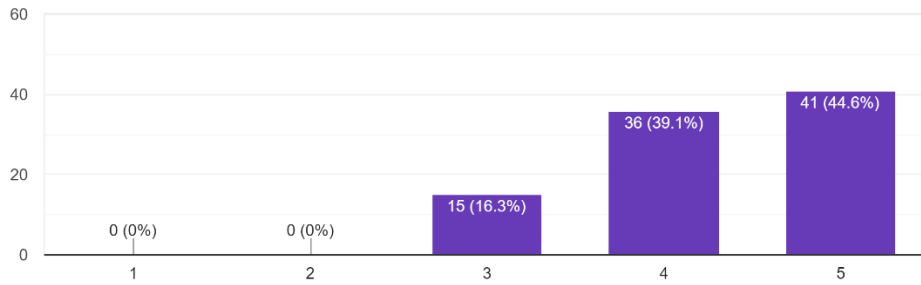
It is appropriate to continue to assert a patient safety concern until you are certain that it has been heard

92 responses



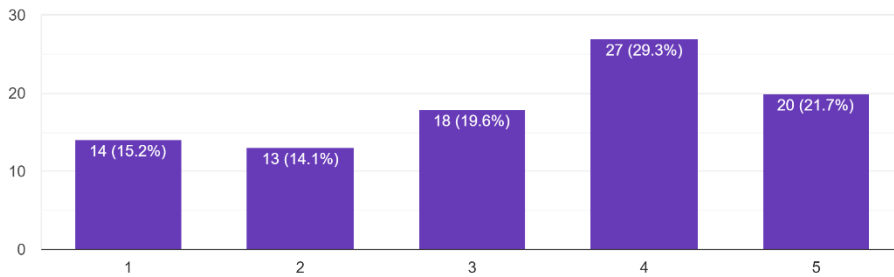
Offering to help a fellow team member with his/her individual work tasks is an effective tool for improving team performance.

92 responses



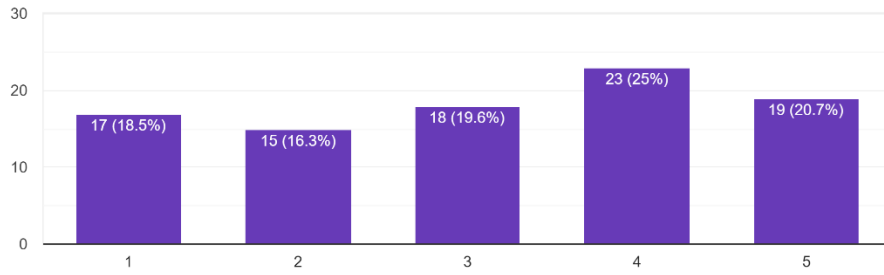
Asking for assistance from a team member is a sign that an individual does not know how to do his/her job effectively

92 responses



Providing assistance to team members is a sign that an individual does not have enough work to do

92 responses

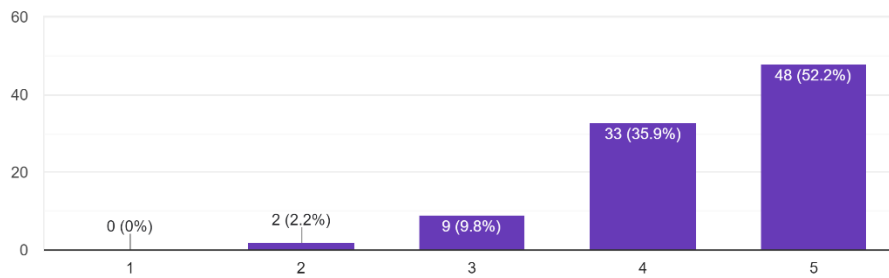


## Situation monitoring:

The majority of them agree that monitoring patients' status, their own and other team members' emotional and physical status will help their team to be more effective.

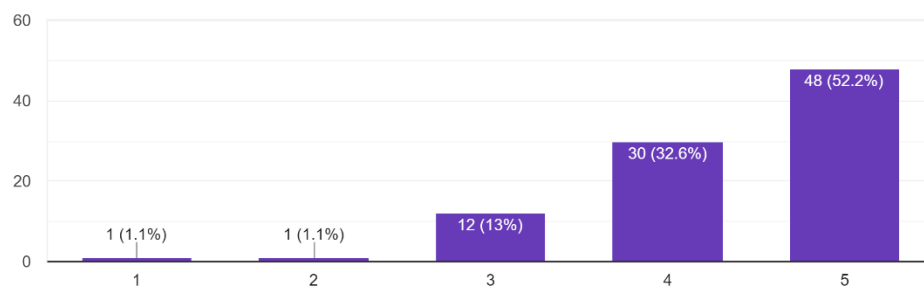
Team members who monitor their emotional and physical status on the job are more effective.

92 responses



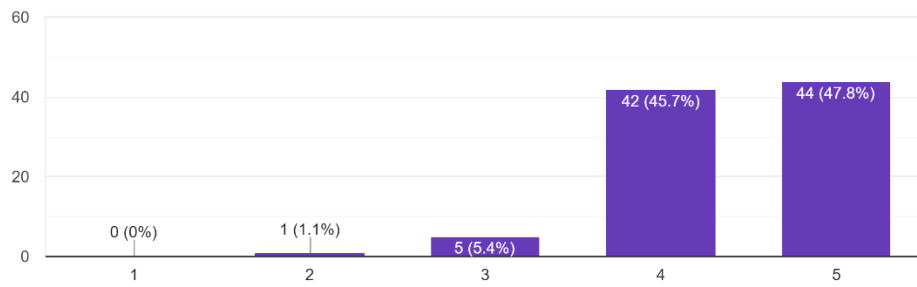
It is important to monitor the emotional and physical status of other team members

92 responses



Monitoring patients provides an important contribution to effective team performance.

92 responses



## Feedback

Seventy percent of participants have agreed that course content was easy to understand, facilitators were knowledgeable about the content and adequate time was given for skill practice.

The suggestion given was to include other health professionals as part of the team and have activities to improve collaboration and teamwork.

# DEPARTMENT OF EMERGENCY MEDICINE

## Basic Life support &

## Advance cardiac life support - 2022

**DATE** : July 30, 31 & August 01 2022

**VENUE:** Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam,  
Puducherry

**NAME OF THE ORGANIZING DEPARTMENT:** Department of Emergency Medicine

**NAME OF THE SPONSORING AGENCY:** Sri Manakula Vinayagar Medical College and Hospital/ Indian institute of Emergency Medical service

**NATURE OF DELEGATES (PG/FACULTY):** Postgraduates of various departments, MBBS under graduate students, Consultants,

**NUMBER OF DELEGATES:** BLS - 6 PALS - 12

### DETAILS OF RESOURCE PERSON:

**Dr.R. Nithyaraj**

Assistant Professor,  
Department of Emergency Medicine  
SMVMCH, Puducherry.

**Dr. E. Kirubasankaran**

Senior Resident,  
Department of Emergency  
Medicine  
SMVMCH, Puducherry.

**Dr. R. Rajakali,**

Assistant Professor,  
Department of Emergency Medicine,  
Sri Ramachandra Medical College and Hospital,  
Chennai

**Dr. P. Ayyammal,**

Consultant,  
Paediatrician,  
Kovai Medical center and



hospital,  
Coimbatore.

#### **DESCRIPTION OF THE EVENT:**

On July 30, 31<sup>st</sup> and August 01, 2022, Department of Emergency Medicine of Sri Manakula Vinayagar Medical College and Hospital conducted "BLS, PALS". It was a 3 day event held from 9.30am to 4.30 pm at the Simulation lab.

The event started off with a prayer song. Dr.R. Nithyaraj, Assistant Professor and Incharge of Department of Emergency Medicine at SMVMCH gave Welcome address and introduced the guest speaker. He also unfolded them

Above mentioned faculties delivered speech about various topics and hands on training about BLS and PALS and they spoke about the various skills on airway and technics in treating various cardiac rhythms on periarrest and cardiac arrest, how to effectively help to revert the respiratory and cardiac arrest in childrens. It was an informative, educational speech and training.

The event ended with a vote of thanks by Dr. E. Kirubasankaran, Senior Resident, Department of Emergency Medicine, SMVMCH, followed by National Anthe

## HEALTHCARE SIMULATION WEEK 2022

In view of the celebration of healthcare simulation week from September 12-16, a simulation competition was held for medical students and residents on the theme **Together Everyone Achieves More**. Medical students were divided into teams; each comprising a member from phase 2 to CRMI. Each team member has to take a lead in at least one station. Each station is for 7 minutes. The stations in the competition were based on the workshop conducted during the intern orientation program, foundation course, and skill lab sessions conducted during the clinical postings. Ten stations were kept, each from the department of OBG, surgery, medicine, paediatrics, orthopaedics, and also on basic life support, and communication. Twenty-two teams participated in the competition. Marks were given based on the validated checklist. All the teams scored more than 50%. The first prize of Rs 4000 was awarded to team Trojan horse and the second prize of Rs.2000 to team No name.





Residents from each clinical department based on lots were allotted to a team. The competition started with the team facing a mass casualty from RTA where their triage skills and communication skills were assessed. Then the scenario progressed to following up with the patient presented in the casualty and their management where the teams were assessed on neonatal resuscitation, sling procedures in orthopaedics, ventricular fibrillation in medicine, inter costal drainage in the department of surgery, airway management in the department of anaesthesia. From 6 teams, 3 teams were selected for finals. In the finals, each team was faced with 2 cases one drowning patient and another case of sepsis. The first prize was won by Team 6 and the second prize by Team 3.

## WORKSHOP ON “PLANNING AND EXECUTION OF OSPE AND OSCE”

The MEU in collaboration with the Simulation Centre of SMVMCH organized a full-day workshop on “Planning and Execution of OSPE and OSCE” for around 37 faculty of SMVMCH, involving nearly 20 departments on 28.10.2022 at the Simulation Centre of SMVMCH. Dean Research inaugurated the session and highlighted the essentials of OSPE and OSCE in the CBME curriculum. Dr.V.N.Mahalakshmi, Dean-HPE and Dr.Arun Daniel J, Associate Professor, Department of Community Medicine from Aarupadai Veedu Medical College facilitated the sessions. The resource faculty enlightened the participants on selecting the skills to be assessed by OSCE, Blueprinting on OSCE, Key components in running an OSCE and reporting the results of OSCE. The participants were shown a live demonstration of 6 OSCE stations on various skills, attended by interns and it was well appreciated by participants. There was a debriefing session and the resource faculty addressed all the queries of the participants. The sessions were highly interactive and the workshop was awarded 2 credit hours by the TamilNaduMedicalCouncil.



# 12<sup>TH</sup> SOUTH INDIAN MEDICAL STUDENTS CONFERENCE 2022 SIMULATION COMPETITION REPORT

## Photos image



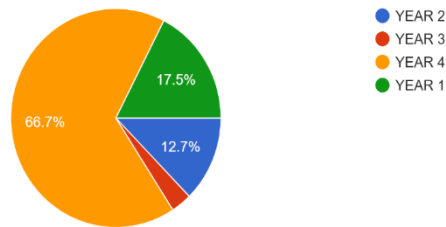
SIMSCON 2022 theme was patient safety. We have conducted pre-conference workshops on surgical skills, obstetric skills, pediatric skills, medical skills, radiology interpretation, BLS, and teamwork and communication skills. Participants have completed baseline patient safety questionnaire. Pretest was given and students scored more than 50% were selected. Participants

were formed into teams. Each team comprises 5 members and has participated in different workshops. Ten stations were kept. One member from each team has to perform a skill at each station which will be evaluated based on a checklist which consists of the tasks to be performed along with evaluation of patient safety.

The scenarios and checklists kept for the competition is attached.

Participants were from year 1 to year 4.

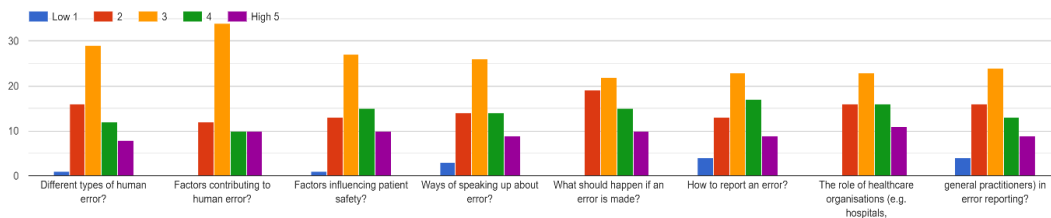
Batch  
63 responses



## Patient safety awareness

The majority of the participant's knowledge on human errors, how to report it, what should be done if an error is made, and speaking up for patient safety is from low to average.

What is your level of knowledge regarding:



## Perception on safety of the healthcare system in our country

Most of the students remained neutral when enquired about their agreement on the safety of the healthcare system in our country. An equal number of participants agreed and remained neutral that medical error is very common.

## Personal influence over patient safety

Telling others about an error I made would be easy **41% agreed**

It is easier to find someone to blame rather than focus on the causes of error **27% agreed**

I am confident about speaking to someone who is showing a lack of concern for a patient's safety **53% agreed**

I know how to talk to people who have made an error **50% agreed**

I am always able to ensure that patient safety is not compromised **47% agreed**

I believe that filling in reporting forms will help to improve patient safety **51% agreed**

I am able to talk about my own errors. **53% agreed**

Most of the participants remained neutral and disagreed that telling others about an error would be easy.

## Personal Attitudes to Patient Safety

By concentrating on the causes of incidents I can contribute to patient safety **45% agreed**

If I keep learning from my mistakes, I can prevent incidents **48% agreed**

Acknowledging and dealing with my errors will be an important part of my job. **56% agreed**

It is important for me to learn how best to acknowledge and deal with my errors by the end of medical school. **48% agreed**

## Safety at the Workplace

The nurses will not criticise me for making mistakes **21% agreed**

The doctors will be committed to identifying and addressing patient safety risks. **60.6% agreed**

The doctors will not criticize me for making mistakes **25.7% agreed**

Managers in the healthcare system will make it easy to report errors. **41% agreed**

Managers in the healthcare system will be more interested in meeting performance targets than in patient safety **23% agreed**

Managers in the healthcare system will expect us to focus on patient safety **54.5% agreed**

Being open and honest about the mistakes I make will be acceptable at my place of work. **56% agreed**

Admitting an error I had made would lead to just and fair treatment by management **53% agreed**

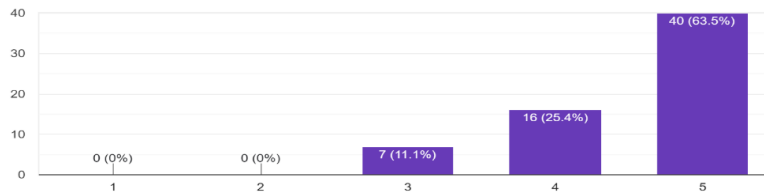
## Prizes

First three teams who have scored more marks were given prizes during SIMSCON

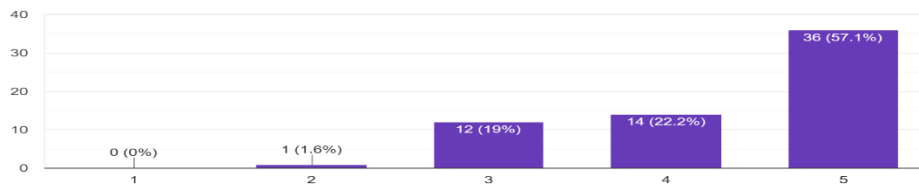
## Feedback

Feedback was obtained from participants regarding the venue, rules, and organization of the competition. More than 50 % of rated it excellent while 25-30% rated it very good.

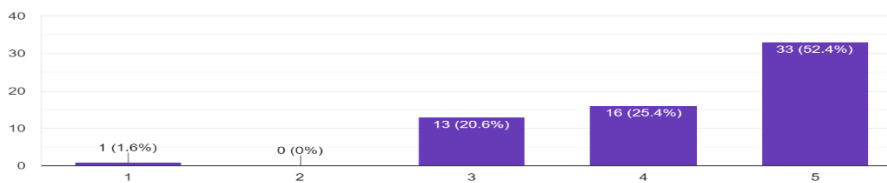
How would you rate the competition venue and facilities? Please rate on a scale of 1 to 5, with 1 being poor and 5 excellent  
63 responses



Was the competition well organized? Please rate on a scale of 1 to 5, with 1 being poor and 5 excellent  
63 responses



Were the competition rules clear and effective? Please rate on a scale of 1 to 5, with 1 being poor and 5 excellent  
63 responses

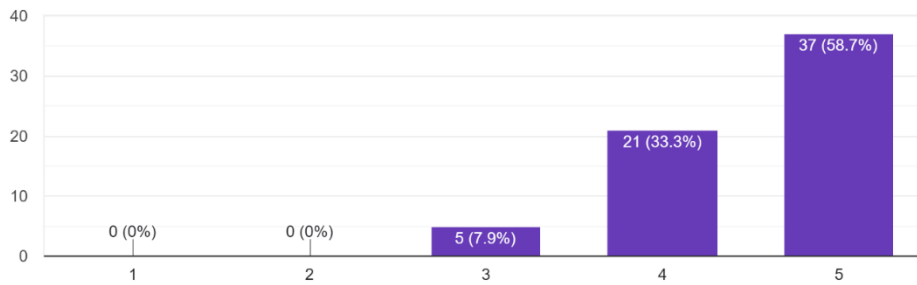


When asked about suggestions for further competitions they felt they could not perform well in stations where the team members have not participated in the workshop. So they want a team which comprises of members who have attended all the workshops.

On enquired about recommending the competition,

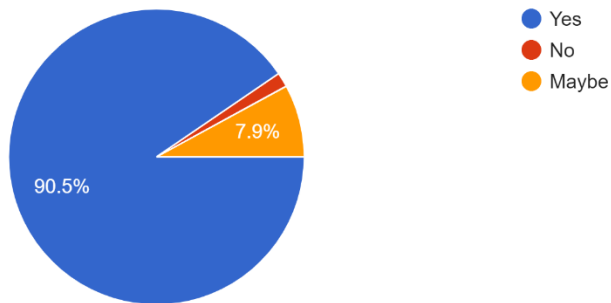


Considering your complete experience at the event, how likely are you to recommend our future events to your friends. Please rate on a scale of 1 to 5, with 1 being poor and 5 excellent  
63 responses



The majority of them agreed that the event helped them with new learnings/ knowledge

Did the event help you with new learnings or knowledge?  
63 responses



## Department of Paediatrics

### Basic Neonatal Resuscitation Workshop for Staff Nurse

Basic NRP programme was organised for the staff nurses working in SMVMCH in the labour room, NICU, postnatal ward from morning 8.30 to 3.30pm in the simulation centre of SMVMCH. The programme was co-ordinated by Dr. A. Arulkumaran, Dr. Revathy and Dr. Vinothini. Performance evaluation test was also conducted for all the participants in the afternoon and certificates were distributed.





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## DEPARTMENT OF PAEDIATRICS

### IAP – NRP FGM Workshop - 2022

The Indian Academy of Paediatrics and National Neonatology forum along with Department of Paediatrics SMVMCH jointly organized IAP – First Golden Minute neonate resuscitation workshop on 23.12.2022 in the skill lab of SMVMCH. The key instructors of the programme are

Dr.A.Arulkumaran - Professor of Paediatrics, SMVMCH

Dr.Karthikeyan - Professor of Paediatrics, MGMC & RI

Dr. Soma Venkatesh - Professor of Paediatrics MGMC & RI

The programme was inauguration by Dr.R.N.Kagne Dean of SMVMCH. The programme was also facilitated by Dr.Karthikeyan Dean Academic, Dr.M.Pragash Medical Superintendent. Dr.T.Bharath Kumar HOD of the Department of Paediatrics and Associate, Assistant professor of the Department also attended the inaugural function.



20 Delegates participated in the workshop which includes postgraduate's students from Department of Paediatrics, Department of OBG, Nursing staffs of NICU, PICU, Labour Ward, postnatal ward and 2 interns.



The programme started at 9.30 am and completed by 3.30 pm. All the Delegates are divided into 3 groups in the morning session was hands on training with the neonatal manikin on the various steps of neonatal resuscitation and in the afternoon performance evaluation test was conducted for all the participants and certificates was distributed to all the delegates.



**Professor & Head  
Department of Paediatrics**