



National Workshop



Critical Care Beyond the Basics: Nurse Practitioners in Forefront



Sponsored by DHR –ICMR

Organized by

MGM NEW BOMBAY COLLEGE OF NURSING

MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

on

28th - 30th March 2019

Venue

University Auditorium, 3 rd floor

**MGM Institute of Health Sciences, Plot No: 1&2,
Sector1, Kamothe, Navi Mumbai -410209.**

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Background

Nurse Practitioner education programmes have been imparted in the US, UK, Australia and Netherlands for last several decades. It was first originated in the USA in late 1960s mainly focusing on the health of children and families. Initially physician began mentoring and collaborating with nurses who had some clinical experience. Thereafter number of other specializations emerged like Family Nurse Practitioner, Adult Nurse Practitioner, Gerontological Nurse Practitioner, Women's Health NP, Acute Care NP etc. The reason for emergence of all these NP programmes was due to increasing specialization in Medicine, creating a shortage of primary care physicians. The current health care environment is greatly different from the past. Remarkable strides in diagnostics, interventions and technologic advances in Critical care Medicine has led to more sophisticated patient care. It demands highly competent nurses who are authorized to function independently and collaboratively for an extended clinical role.

The role of nurse practitioners in the ICU involves implementing the day-to-day treatment programme, including admitting and discharging the patients, performing examinations, ordering and interpreting diagnostic tests and reporting the results, developing and executing the daily medical plan, participating in daily rounds, performing procedures and quickly responding to emergencies. They focus in providing high quality care and support to the patients and families. One of the benchmarks of quality critical care is the prevention of complications and hospital-acquired adverse events. (*Russell et al. 2002*) Many potential complications of ICU care are preventable, and nurse practitioners are in a position to devote attention to these indices, leading to shorter ICU length of stay, lower rates of urinary tract infections and skin breakdown and shorter time to mobilization and discontinuation of Foley catheter, in addition to shortened hospital course.

The required key competencies of NPCC include expertise in diagnostic reasoning, complex monitoring and performing advanced procedures. As per the Indian Nursing Council Guidelines on Practice Standards for Critical Care Nurse Practitioners (INC-PSCCNP) the independent practice within critical care setting with regard to administration of drugs, ordering of investigatory procedures and therapies shall be guided by the Standard Operating procedures, Policies and Protocols of Health Care Organization.

To bring all the NPCC students to a common platform and to share experience with experts and nurses working in critical care units, MGM New Bombay College of Nursing, Kamothe organized a National workshop with the theme *Critical Care beyond Basics: Nurse Practitioners in Forefront*.

Aim

The main aim of this workshop was to provide hands on skill building sessions to enhance future Nurse Practitioners to deliver comprehensive patient care and to share their experience with each other.

Objectives

At the end of workshop, the participant will;

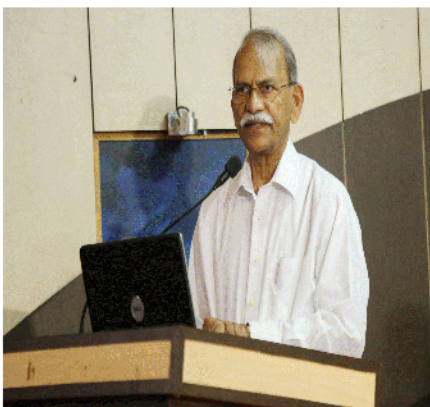
- Exhibit focused physical examination skills.
- Use systemic approach to interpret ECG
- Demonstrate skills in hemodynamic monitoring
- Expedite airway management
- Interpret findings of ABG, X ray and other diagnostic tests
- Demonstrate insertion of arterial and central lines

Participants-

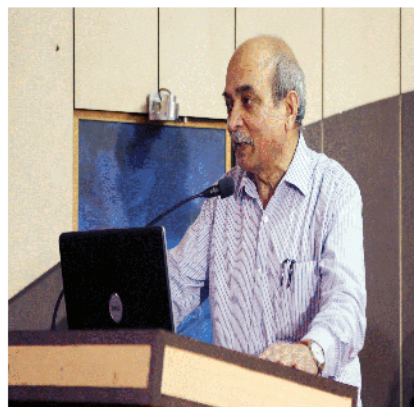
Total 82 participants registered from different parts of the country. These were NPCC students (36), M.Sc Nursing Students (9), Staff Nurses (26), Teaching faculty (10) and PhD student (1). The institutes the participants belonged to are Asian Institute of Nursing Guwhati, Assam, Gujrat Institute of Nursing education and research, Ahmedabad Gujarat, Sumdeep Vidyapeeth Vadodara, Manipal College of Nursing Karnataka, Krishna Institute of Nursing Sciences, Karad, Maharashtra, AIIMS Bhubaneshwar Orrissa, Sadhu Vasvani College of Nursing Pune, Saifee Hospital Mumbai, Tata Memorial Hospital Parel, MGM Group of Hospitals Navi Mumbai, MGM New Bombay College of Nursing Kamothe.

Proceedings

Day One - 28/03/2019 - Three day workshop on “*Critical Care beyond Basics: Nurse Practitioners in Forefront.*” was held at MGM New Bombay College of Nursing, Kamothe On 28th, 29th and 30th March 2019. The workshop was inaugurated on 28th March 2019 at 9.30 am at the Auditorium of MGM Institute of Health Sciences (MGMIHS), Kamothe, Navi Mumbai. Dr. Shashank Dalvi, Hon. Vice Chancellor, MGMIHS, Dr. Sudhir Kadam, Hon. Trustee, MGM Trust & Medical Director, MGM Hospital and Dr. (Lt. Gen) S.K. Kaul professor, CVTS, MGM Medical College, Kamothe, inaugurated the workshop and addressed the participants. Mrs. R. Ponchitra welcomed the Guests of Honor, Dr. Prabha K. Dasila unfolded theme and briefed about various activities planned for all the three days. She also appreciated and acknowledged sponsorship provided by DHR-ICMR for this workshop.



Dr. S. N. Kadam
Trustee
MGM Trust



Dr. Shashank K. Dalvi
Vice Chancellor,
MGMIHS, Kamothe



Lt. Gen.(Dr.) S.K. Kaul,
Professor, CVTS Department,
MGM Medical College, Kamothe

WELCOME ADDRESS

The formal inaugural ceremony commenced with welcome address by Mrs. R. Ponchitra, Professor & Vice Principal, MGM New Bombay College of Nursing, Kamothe. She gave a brief introduction about the guests of honour Dr. Shashank Dalvi, Hon. Vice Chancellor, MGMIHS, Dr. Sudhir Kadam, Hon. Trustee, MGM Trust & Medical Director, MGM Hospital and Dr. (Lt. Gen) S.K. Kaul professor, CVTS, MGM Medical College, Kamothe. The dignitaries were felicitated. The history of Mahatma Gandhi Mission and MGM New Bombay College of Nursing was briefed to the delegates. The dignitaries lighted the lamp to inaugurate the workshop. She invited the guests of honour to address the audience with their words of inspiration. The dignitaries congratulated the delegates for selecting Nurse Practitioner course and rendered success for the workshop. The inaugural ceremony ended with the vote of thanks by Mrs. Preethi Maria Mathews, Associate Professor, MGM New Bombay College of Nursing, Kamothe.



UNFOLDING THE THEME



The theme of the National workshop on **“Critical Care beyond the Basics: Nurse Practitioners in the Forefront.”** was unfolded by Dr. Prabha K. Dasila, Professor and Director, MGM New Bombay College of Nursing, Kamothe, Navi Mumbai.

On her address to the audience Dr. Dasila brought to the notice that the health care system in India requires a large number of qualified health professionals to meet the prescribed norms laid down by WHO for serving the Indian Population. The Government of India in its National Health Policy 2015 document highlighted, reshaping of healthcare system in all dimensions of health as an important need, which emphasizes human resource development in the areas of education and training. The Indian Nursing Council introduced Nurse Practitioners in Critical care Post Graduate Programme in the year 2016. MGM New Bombay College of Nursing is one among the pioneering institute in India for successfully conducting the NPCC programme from the academic year 2017-18.

Dr. Dasila also briefed about the history of emergence of Nurse practitioners in the western countries and emphasized the current need of such competent nurses in India. She pointed out that the Nurse Practitioners students are being trained to make clinical decisions independently and collaboratively focusing on stabilizing patient’s condition, minimizing acute complications and maximizing restoration of health. Considering the required key competencies of NPCC which includes expertise in diagnostic reasoning, complex monitoring and performing advanced procedures this workshop has been organised.

SCIENTIFIC SESSIONS:

The workshop has been organised with various theoretical and skills based sessions.

SESSION - 1

CARDIAC SYSTEM ASSESSMENT

Dr. Sameer Kadam, Professor, Cardiac surgery, MGM Medical College started the session with an overview of cardiac Anatomy and Physiology, Cardiac History and General physical examination. He emphasized on the cues in Focused cardio vascular examination with a brief on different types of chest pain. He explained about various terminologies like Heart rate, Pulse rate; difference between the two and also focused with in-depth explanation of Inspection, palpation, Auscultation and Pre cordial assessment. He put forward the importance of correlation of health history of the patient with the cardiac assessment. The whole session was an interactive one which was compiled with in-depth explanation and ample number of examples.



SESSION - 2

ECG INTERPRETATION

Dr. Kadam also conducted a session on basics of Electrocardiogram. He focused on systematic method of identifying Sinus rhythm, narrow and wide complex tachycardia, cardiac arrest rhythm. He emphasised on making the audience recognise the ECG changes during conditions such as Cardiomyopathy and Myocardial Infarction. In order to affirm the understanding of the session among the group, he performed a group activity on ECG interpretation. Various ECG's of sinus rhythms and arrhythmias were displayed and the groups were asked to identify the rhythm. The overall group readily participated in the activity and confirmed with the success of the session.

SESSION - 3

Mrs. Ashima Bhattacharya, Director of Nursing, BP Poddar Hospital & Medical Research, Kolkata commenced the session with a statement, “Hemodynamic monitoring is a cornerstone of care for the hemodynamically unstable patient, but it requires a manifold approach and its use is both context and disease specific.” She reviewed the basics of hemodynamic monitoring including types of hemodynamic parameters, indications and physiology of hemodynamics, its complications and nurses responsibilities in hemodynamic monitoring. She focused on vital parameters such as invasive measurement of systemic, pulmonary arterial and venous pressures, and of cardiac output.

HEMODYNAMIC MONITORING



SESSION - 3



HEMODYNAMIC MONITORING

Dr. Sagar Sinha, Critical Care, Associate Professor, Department of Emergency Medicine, MGM Medical College & Hospital, Kamothe emphasized on the practical aspects of hemodynamic monitoring. He explained about the major relevance of monitoring in high risk patients. Various parameters such as arterial, central venous and pulmonary catheterization, and its clinical indications, benefits, and complications were discussed. Various clarifications about the practical issues were discussed and clarified.

SESSION - 5

Dr Arti Kulkarni Associate Professor, Neuro Medicine, MGM Medical College & Hospital, Kamothe conveyed the group about the importance of neurological assessment. She emphasized on aspects such as health history, Mental Status Examination, Cranial and Motor system assessment, reflexes, coordination and gait. The session also gave importance on detailed explanation about the sensory system. She focused on explaining the participants about the importance of initial evaluation in neurological assessment along with evaluation of patient's vital signs to detect neurological disease or injury and also to monitor its progression to determine the type of care to provide. She also explained how to gauge the patient's response to the interventions provided.

FOCUSED PHYSICAL ASSESSMENT CUES- NEUROLOGICAL ASSESSMENT



SESSION 6

Dr. N.L. Vyas, Associate Professor, Surgical Gastroenterology, MGM Medical College & Hospital, Kamothe emphasized on the cues in Focused Gastrointestinal Assessment. He focused on the specific assessments related to all gastrointestinal disorders. He emphasized on the physical examination techniques and also about the importance of assessing various gastrointestinal symptoms. Dr. Vyas highlighted the differentiation in clinical manifestations of various gastrointestinal and hepato biliary disorders.

FOCUSED PHYSICAL ASSESSMENT CUES- GASTROINTESTINAL ASSESSMENT



SKILL STATION -1

INSERTION, CARE, MONITORING & BLOOD COLLECTION FROM ARTERIAL LINE

Dr. Vishwas Sathe, Professor, Cardiac Anesthesia, MGM Medical College & Hospital, Kamothe explained about the indications and technique of Insertion of arterial line, care and blood collection from arterial line. For the smooth understanding about the session, the participants were divided into 2 groups and were demonstrated the procedure. The participants actively participated and redemonstrated the skills and made their concepts clear. The whole session was highly interactive with detailed demonstration and discussion.



DAY 2 -29/03/2019

SESSION 7

ACID BLOOD GAS ANALYSIS



Dr. Rahul Shah, MBBS, MRCEM (UK), Consultant Emergency Medicine, MGM New Bombay Hospital, Vashi Dr. Rahul Shah explained about the basics of ABG. He focused on the basic tips and tricks to identify various acid base imbalances and their management.

The session proceeded legibly with interesting practical case scenarios to interpret the ABG findings. The participants enthusiastically participated in the session and made it a success.

SESSION 8

FOCUSED PHYSICAL ASSESSMENT CUES- RESPIRATORY ASSESSMENT

Dr Shreeja Nair **Associate Professor, Respiratory Medicine**, MGM Medical College & Hospital, Kamothe started the session with the basic anatomy and physiology of respiratory system. She even explained the surface markings of lungs, tools for respiratory assessment. She highlighted on the basic features while assessing the upper and lower respiratory tract and breath sounds. The explanations were accompanied by illustrious pictures for better clarification. Dr. Nair emphasized on importance of the assessments in relation to patient diagnosis, interventions and determining the effectiveness of the interventions.



SESSION 9

BASICS OF CHEST X-RAY INTERPRETATION



Dr Mitesh Thakkar, **Professor, Department of Medicine**, MGM Medical College & Hospital, Kamothe dealt with the sequential explanation of chest X –ray. He started from the history, mechanism, indications and led to systemic approach for X-ray interpretation. He emphasized on explaining about various X-ray views and common abnormal findings on chest radiographs. Dr. Thakkar introduced many examples of Chest X-rays to the participants to solve, so that the whole content gets clarified.

GROUP ACTIVITY - 1

Dr Shripal Jain, Lecturer, Department of Medicine, MGM Medical College & Hospital, Kamothe dealt with the group activity in relation to chest x ray interpretation. It included normal chest radiographic appearances, normal position of monitoring devices and other line placements, and common cardio pulmonary disorders in ICU patients. The participants enthusiastically participated in the activity and gained confidence in interpreting the Chest X rays.

CHEST X-RAY INTERPRETATION



GROUP ACTIVITY – 2

Dr Harshad Rajge, Lecturer, Department of Medicine, MGM Medical College & Hospital Kamothe explained about the common modalities for diagnosis and emphasized on various relevant tests for various conditions. He dealt the session in a sequential order by explaining system wise emergency conditions. Dr. Rajge clear and detailed explanation for immediate confirmatory tests for various emergencies.

DIAGNOSTIC TESTS – WHICH TEST, WHEN, WHY AND WHAT



SKILL STATION - 2

AIRWAY MANAGEMENT



Dr. Krishna Patel, Lecturer, Department of Anesthesia, MGM Medical College & Hospital, Kamothe
Dr. Krishna Patel explained methods of airway management and demonstrated hands on session on intubation. The participants were explained about the indications, methods, contraindications and complications of intubation. Opportunities were provided for the participants to redemonstrate the procedure and get confidence in intubation skills.

SKILL STATION - 3

INSERTION, CARE AND MONITORING OF CENTRAL LINE



Dr. Deepa Vanjari Consultant, Emergency Medicine, MGM New Bombay Hospital, Vashi, explained about central line, its indications and contraindications. She carried out hands on session on insertion, care and monitoring of central line. The participants actively participated in the session and demonstrated the techniques for insertion of central line. Care of central line and monitoring of various parameters in central line was also explained which were redemonstrated by the group.

DAY 3 -30/03/2019

SESSION-11

Dr. Aditya Nayak Associate Professor, Department of Nephrology, MGM Medical College & Hospital, Kamothe, presented the basics of fluid and electrolytes in the human body. He emphasized on various fluid and electrolyte imbalances. The session had widely focused on sodium and potassium disturbances. Various calculations were taught to avoid fluid overload or fluid deficit. A challenge in electrolyte replacement was discussed and the ways to overcome the errors were highlighted on. The session was a combination of lecture cum discussion with case scenarios which helped in clear understanding of the topics.

FLUID AND ELECTROLYTE BALANCE



SESSION-12

Dr. Aditya Nayak also presented another session on renal system and the abnormal Pathophysiology that leads to the acute and chronic kidney injury. He explained in depth regarding various disorders such as acute Glomerulonephritis, acute interstitial nephritis, and acute vascular insult. The disease conditions were discussed with different case scenarios and the participants were made to diagnose based on the various parameters in the scenarios.

SKILL STATION-4



MECHANICAL VENTILLATION- CONNECTING, MONITORING AND WEANING

Dr. Suhasini Sonavdekar, Associate Professor, Intensivist, MGM Medical College & Hospital, Kamothe conducted the session with the skill station on mechanical ventilation. She explained about the indications of mechanical ventilation and demonstrated connecting the ventilator, setting up of various modes in the ventilator and assessing the vital parameters of the patients on the ventilation. Various monitoring and charting activities were focused in the discussion. Dr. Sonavdekar even emphasized on the selection criteria for a patient for weaning off from ventilator. Spontaneous breath trials were highly focused and were strongly discussed among the group. The participants had an interactive discussion throughout the session.

SKILL STATION - 5

Dr (Lt. Gen.) S.K. Kaul, Professor CVTS Department, MGM Medical College & Hospital Kamothe, dealt with the session on IABP. He explained about the basics of physiology of heart and the importance of IABP in the function of the heart as a didactic lecture followed by skill station where he emphasized more on the practical aspects of connecting, inserting and caring the patient with IABP. Key points required for the proper functioning of the IABP and assessment of the abnormal parameters for a patient on a IABP were highly focused on. The participants keenly listened to the session and clarified the difficulties.

IABP



POSTER PRESENTATION



Concept Poster presentations were held on the topics related to the theme. Eight Participants presented the poster on 28.3.2019. The judges Dr. Anjali Sabnis, HOD Anatomy Department and Dr. Pradeep Jadhav, Associate Professor, Pharmacology department, MGM Medical College & Hospital evaluated the poster based on preset criteria. The poster were appreciated by the Judges and the participants. Three best posters were awarded.

POSTER PRESENTATION PRIZE DISTRIBUTION

The prize winners for the poster presentation competition was awarded with certificate



Ms. Sreedevi .P
Second Year NPCC Student
1st Prize.



Ms. Athira Chandran
Second Year NPCC Student
2nd Prize.



Mrs. S.X Amutha Arockia Mary
First Year NPCC Student
3rd Prize.

VALEDICTORY FUNCTION PROCEEDING REPORT AND VOTE OF THANKS



Mrs. Ponchitra R. Professor & Vice Principal, Organising Convenor of the National workshop read out the proceeding report of the 3 days National workshop. She gave in depth detailing of the sessions carried out on 28th to 30th March 2019.

The session concluded with a valedictory function and a vote of thanks proposed by Mrs. Susan Jacob, Professor, MGM New Bombay College of Nursing.



The certificates of participation were handed over to all the delegates which was followed by Photo session.



CULTURAL ACTIVITIES



The workshop participants were entertained by the students of MGM New Bombay College of Nursing. They presented a classical dance and a mime show on the theme “Save Trees: Go Green” in front of the audience. The audience highly appreciated the performance.

PROGRAMME DETAILS

Programme Sponsored : - DHR –ICMR

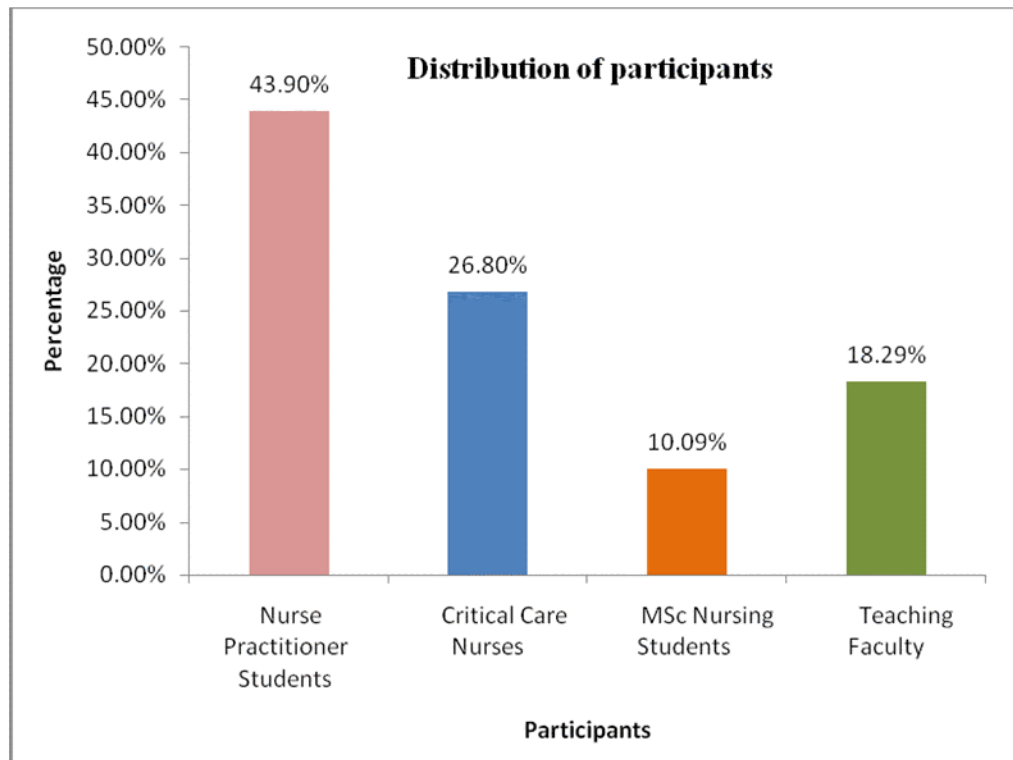
Number of Days : - 3 days

Date : - 28th March to 30th March 2019

Venue

- MGM Institute of Health Sciences Auditorium (28th March 2019)
- MGM Medical College Hospital Seminar Hall & Skill lab (29th and 30th March 2019)
- MGM Medical College Hospital Skill Lab (28th to 30th March 2019)

Participant Details



Programme Schedule

National Workshop on Critical Care beyond the Basics: Nurse Practitioners in Forefront

Day 1 (Pre- Workshop): 28/03/2019

Time	Event	Topic	Resource Person
8.00 am to 9.00 am	Registration & Break fast		
9.00 am to 9.30 am	Inauguration Ceremony & Key note address		
9.30am to 10.30 am	Session 1	Focused Physical Assessment Cues Cardiac System Assessment	<i>Dr. Sameer Kadam</i> HOD & Professor, Cardiac vascular surgery, Incharge Director Skill Laboratory ,MGM Hospital & Medical College, Navi Mumbai
10.30am to 10.45 am	Tea Break		
10.45am to 11.45 am	Session 2	Systematic Approach to Interpret ECG	<i>Dr. Sameer Kadam</i>
11.45am to 12.30 pm	Group Activity 1	ECG interpretation	HOD & Professor, Cardiac vascular surgery, In charge Director Skill Laboratory ,MGM Hospital & Medical College, Navi Mumbai
12.30pm to 1.30 pm	Session 3	Hemodynamic Monitoring	<i>Dr. Sagar Sinha</i> , Head Critical Care Unit , Associate Professor, Department of Emergency Medicine, MGM Hospital Kamothe, Navi Mumbai <i>Mrs. Ashima Bhattacharya</i> Director of Nursing, BP Poddar Hospital & Medical Research, Kolkata, WB.
01.30pm to 2.00pm	Lunch Break		
2.00pm to 3.00pm	Session 4	Focused Physical Assessment Cues Neurological System Assessment	<i>Dr. Aarti Kulkarni</i> , Associate Professor, Neuro Medicine MGM Hospital & Medical College, Navi Mumbai
3.00pm to 4.00pm	Session 5	Gastro Intestinal Assessment	<i>Dr. N.L Vyas</i> Associate Professor, Surgical Gastroenterology, MGM Hospital & Medical College, Navi Mumbai
4.00 pm to 5.00 pm	Poster Presentation		
5.00 pm	<i>Cultural activities</i>		

Scientific Programme- Day 2: 29/03/2019

Time	Event	Topic	Resource Person
8.30 am to 9.00 am	Break fast		
9.00am to 9.45 am	Session 6	ABG analysis	<i>Dr. Rahul Shah</i> , MBBS, MRCEM (UK), Consultant Emergency Medicine, MGM Hospital Vashi.
9.45am to 10.15am	Group activity 2		
10.15 am to 10.30 am	Tea Break		
10.30am to 11.30am	Session 7	Focused Physical Assessment Cues Respiratory System Assessment	<i>Dr. Shreeja Nair</i> Associate Professor, Respiratory Medicine MGM Hospital & Medical College, Navi Mumbai
11.30am to 12.30 pm	Session 8	Basics of chest X-ray interpretation	<i>Dr. Mitesh Thakkar</i> Professor, Medicine, MGM Hospital & Medical College, Navi Mumbai.
12.30 pm to 1.00 pm	Group Activity 3	Chest X-ray Interpretation	<i>Dr. Shripal Jain</i> , Lecturer, Department of Medicine, MGM Hospital & Medical College.
1.00 pm to 1.30 pm	Lunch		
1.30 pm to 2.30 pm	Session 9	Diagnostic Tests – Which Test , when , why and what	<i>Dr. Jaishree Ghanekar</i> HOD & Professor, Department of Medicine, MGM Hospital & Medical College, Navi Mumbai <i>Dr. Harshad Rajge</i> , lecturer, Department of Medicine, MGM Hospital & Medical College.
2.30pm to 3.30 pm	Work station1	Airway Management	<i>Dr. Krishna Patel</i> , Assistant Professor, Department of Anesthesia, MGM Hospital & Medical College, Navi Mumbai
3.30 pm to 4.00pm	Workstation 2	Insertion , Care & Monitoring of Central line	<i>Dr. Deepa Vanjari</i> , MD, (EM), FACEE, IDCCM, Consultant Emergency Medicine, MGM Hospital Vashi. <i>Dr. Vishwas Sathe</i> , Professor, Cardiac Anesthesia, MGM Hospital & Medical College, Navi Mumbai
4.00pm to 4.30 pm	Workstation 3	Insertion , Care & Monitoring of Arterial line	
4.30pm to 5.00pm	Workstation 3	Blood collection from Arterial Line	

Scientific Programme -Day 3: 30/03/2019

Time	Event	Topic	Resource Person
8.30 am to 9.00 am	Break fast		
9.00 am to 9.45am	Session 10	Fluid and Electrolyte Balance	<i>Dr. Aditya Nayak</i> , Associate Professor, Nephrology, Department of Medicine MGM Hospital Kamothe, Navi Mumbai.
9.45 am to 10.15 am	Session 11	Mechanical Ventilation	<i>Dr. Suhasini Sonawadekar</i> , Associate Professor, Intensivist, MGM Hospital Kamothe
10.15 am to 10.45 am	Workstation 4	Connecting ,Monitoring and weaning from Ventilator	
10.45 am to 11.00am	Tea Break		
11.00 am to 11.45 am	Session 12	IABP	<i>Dr. Sagar Sinha</i> , FNB Critical Care, Associate Professor, Department of Emergency Medicine, MGM Hospital Kamothe, Navi Mumbai
11.45 am to 12.45 pm	Workstation 5	IABP	
12.45 pm to 1.30 pm	Session 13	AKI /CKI	<i>Dr. Aditya Nayak</i> , Associate Professor, Nephrology, Department of Medicine, MGM Hospital Kamothe, Navi Mumbai.
1.30 pm to 2.00 pm	Valedictory		
2.00 pm to 2.30 pm	Lunch		

National Workshop on Critical Care: Beyond the Basics

Participant List

SN.	Name of the participants	Name of the Institute
1	Ms. Nuri Gogoi	Asian Institute of Nursing Education, Guwahati
2	Mr. BadalKumar T. Paladiya	Gujarat Institute of Nursing Education and Research, Gujarat
3	Mr. Rajput Amit Sinh Harisinh	Gujarat Institute of Nursing Education and Research, Gujarat
4	Mr. Anil Bhargav G.	Gujarat Institute of Nursing Education and Research, Gujarat
5	Mr. Chauhan Arjunbhai Mangalbhai	Gujarat Institute of Nursing Education and Research, Gujarat
6	Ms. Preethi	Manipal College of Nursing, MAHE, Manipal.
7	Mr. Prasannakumara	Manipal College of Nursing, MAHE, Manipal.
8	Ms. Chaitra V Shetty	Manipal College of Nursing, MAHE, Manipal.
9	Mr. Alexdenzil P Huggi	Manipal College of Nursing, MAHE, Manipal.
10	Ms. A. Katini Krichena	Saifee Hospital, Mumbai.
11	Mr. Nanda Kumar Paniyadi	AIIMS, Bhubaneshwar, Odisha
12	Mr. Mayur Patidar	Sumandeep Vidhyapeeth Vadodara
13	Mr. Manish Kumar Agarwal	Sumandeep Vidhyapeeth Vadodara
14	Ms. Veena Rathwa	Sumandeep Vidhyapeeth Vadodara
15	Ms. Patel Himani Bahen Virendrabhai	Sumandeep Vidhyapeeth Vadodara
16	Ms. Ronak Patidar	Sumandeep Vidhyapeeth Vadodara
17	Ms. Patel Twinkle N	Sumandeep Vidhyapeeth Vadodara
18	Mr. Mayur Yadav	Sumandeep Vidhyapeeth Vadodara
19	Mr. Manish Prajapat	Sumandeep Vidhyapeeth Vadodara
20	Mr. Jatin Panchal	Sumandeep Vidhyapeeth Vadodara
21	Mr. Dattatraya R. Salunkhe	Krishna Institute of Nursing Science, Karad
22	Ms. Pratiksha S. Salunkhe	Krishna Institute of Nursing Science, Karad
23	Mr. Anil Chandy Varghese	Krishna Institute of Nursing Science, Karad
24	Mr. Guruprasad P. Jadhav	Krishna Institute of Nursing Science, Karad
25	Mr. Thorat Hemant Vitthal	Krishna Institute of Nursing Science, Karad
26	Ms. Uma Bhaskar Kale	Krishna Institute of Nursing Science, Karad
27	Mr. Jadhav Yogesh Ashok	Krishna Institute of Nursing Science, Karad
28	Ms. Patil Komal Tanaji	Krishna Institute of Nursing Science, Karad
29	Ms. Disha Jagdish Bagwe	TATA Hospital, Parel.
30	Ms. Manisha Dhas	TATA Hospital, Parel.
31	Ms. Jyothi Vijay Kanade	Sadhuvaswani College of Nursing

32	Ms. Ujjwala Dhiraj Murkute	Sadhuvaswani College of Nursing
33	Ms. Varsha R Tanawade	TATA Memorial Hospital, Parel
34	Ms. Kartika S. Namapally	MGM New Bombay Hospital Vashi
35	Ms. Manjula J Nimbre	MGM New Bombay Hospital Vashi
36	Ms. Bayolla P Anupama	TATA Hospital, Parel, Mumbai
37	Ms Jibymol M. V	MGM New Bombay Hospital Vashi
38	Ms. Jaisilin Sara Abraham	MGM New Bombay Hospital Vashi
39	Ms. Babitha Baby	MGM New Bombay Hospital Vashi
40	Ms. Tiny Tom	MGM New Bombay Hospital Vashi
41	Ms. Nimisha Mathew	MGM New Bombay Hospital Vashi
42	Ms. Chaithali Dashrath Kadam	MGM New Bombay Hospital Vashi
43	Ms. Bincy Susan Varughese	MGM New Bombay Hospital Vashi
44	Ms. Sonali Vittal Rathod	MGM New Bombay Hospital Vashi
45	Ms. Sreedevi P S	MGM New Bombay College of Nursing
46	Mr. Jignesh Vyas	MGM New Bombay College of Nursing
47	Mr. Avinash Rathod	MGM New Bombay College of Nursing
48	Ms. Athira Chandran	MGM New Bombay College of Nursing
49	Mr. Jitendra Patidar	MGM New Bombay College of Nursing
50	Mr. Pramod Kumar Nagesh	MGM New Bombay College of Nursing
51	Ms. Arathi Chandran	MGM New Bombay College of Nursing
52	Ms. Reddimalla Kavitha	MGM New Bombay College of Nursing
53	Ms. Persis Gracy Philip	MGM New Bombay College of Nursing
54	Ms. S.X Amutha Arockia Mary	MGM New Bombay College of Nursing
55	Mr. Aminkumar S Dhule	MGM New Bombay College of Nursing
56	Ms. Precious Angel Josey	MGM New Bombay College of Nursing
57	Ms. Priyanka Vishwakarma	MGM New Bombay College of Nursing
58	Nair Reshma Raj	MGM New Bombay College of Nursing
59	Mr. Vikas Patidar	MGM New Bombay College of Nursing
60	Mr. Jignesh Bhatt	MGM New Bombay College of Nursing
61	Ms. Divya Bhardwaj	MGM New Bombay College of Nursing
62	Mr. Nithin N	MGM New Bombay College of Nursing
63	Mr. Awatade Siddheswar	MGM New Bombay College of Nursing
64	Dr. Prabha K Dasila	MGM New Bombay College of Nursing
65	Mrs. Ponchitra R.	MGM New Bombay College of Nursing
66	Mrs. Susan Jacob	MGM New Bombay College of Nursing
67	Mrs. Josmy Abraham	MGM New Bombay College of Nursing

68	Mrs. Sarika Sukesh Nair	MGM New Bombay College of Nursing
69	Mrs. Liya John	MGM New Bombay College of Nursing
70	Mrs. Sanjukta Bibhu Mohanty	MGM New Bombay College of Nursing
71	Mrs. Brincy Darwin John	MGM New Bombay College of Nursing
72	Mrs. Ferganzia Jubilson.	MGM New Bombay College of Nursing
73	Mrs. Maria Preethi Mathew	MGM New Bombay College of Nursing
74	Patel Pooja Manoj Kumar	Sumandeep Nursing College
75	Evelyn Mary Johnson	MGM New Bombay Hospital Vashi
76	Sneha Mohan	MGM New Bombay Hospital Vashi
77	Vincy R	MGM New Bombay Hospital Vashi
78	Anjitha C Mohan	MGM New Bombay Hospital Vashi
79	Kode Snehal Ganbesh	MGM New Bombay Hospital Vashi
80	Beena Pothan	MGM Hospital Kamothe
81	Sobha Sivan Kuttanpillai	Alumni
82	Perpetua Fernandus	PhD Scholar

FEEDBACK

Three participants from different institutes gave feedback about the National workshop verbally and others mentioned it in the feedback form.



Mr. Nanda Kumar Paniyadi, AIIMS,
Bhubaneswar, Odisha

Ms. Nuri Gogoi, Asian Institute of Nursing
Education, Guwahati



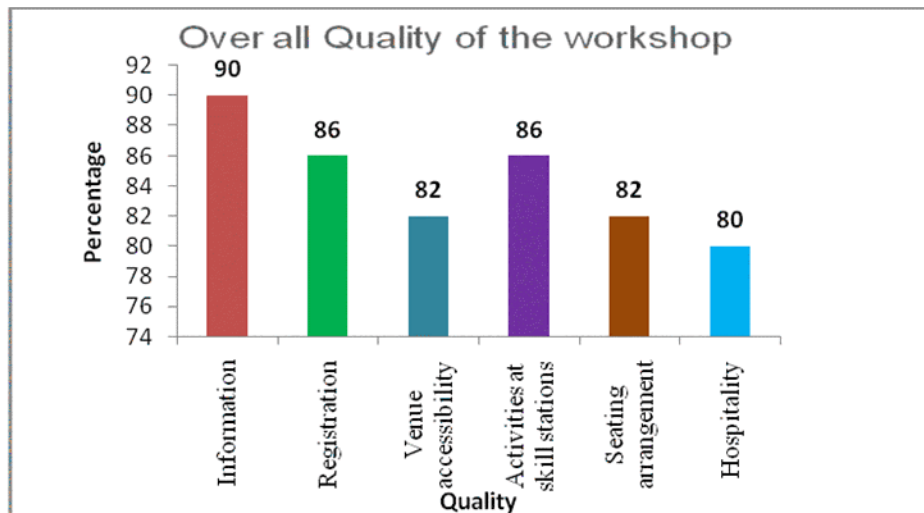
Mr. Prasannakumara, Manipal College of
Nursing, MAHE, Manipal

FEEDBACK ANALYSIS

The workshop was attended by 82 delegates. Feedback was obtained on overall organization quality of the session, and workstations of the workshop.

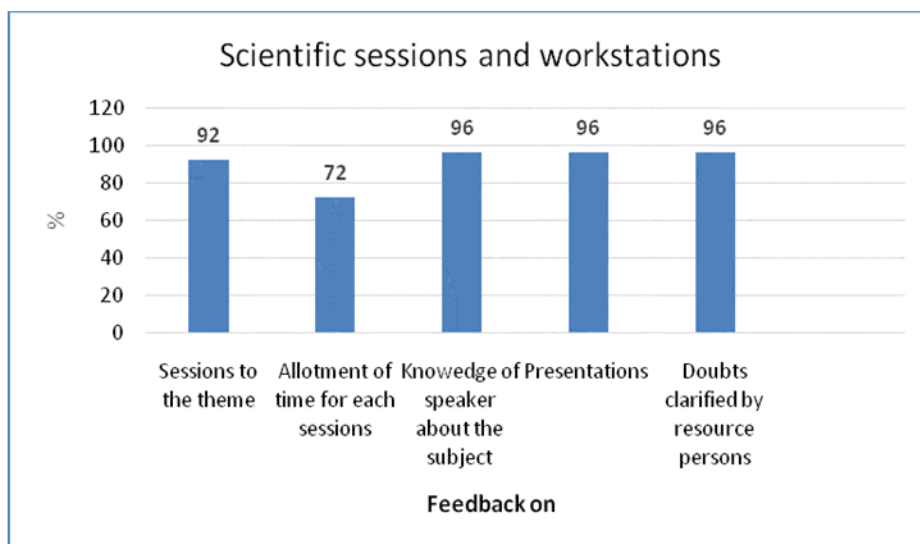
The feedback was obtained on 5 point Likert scale, with highest score (5) indicating as excellent and lowest score (1) poor quality.

1. Feedback on overall quality of workshop



Majority of participants, (90%) were satisfied with the information provided during the workshop while 86% were satisfied with the skills station exercises provided positive feedback for skill station exercises.

2. Feedback on Scientific



Sessions and workstations

All participants provided positive feedback with regard to overall scientific sessions of the workshop. The feedback analysis on quality of overall sessions and workstation denotes that majority (96%) had responded that resource persons had enough knowledge, presentations were effective and their doubts were certified.

All participants provided positive feedback with regard to overall scientific sessions of the workshop.

Scientific Sessions	Mean score (Max. Score 5)	Score in %
Focused Physical assessment (Cardiac)	4.6	92
ECG interpretation	4.8	96
Hemodynamic Monitoring	4.3	86
Focused Physical assessment (Neuro)	4.4	88
Focused Physical assessment (GI)	4.0	80
Arterial line insertion, care, monitoring and blood collection	4.4	88
ABG analysis	4.6	92
Focused Physical assessment (Respiratory)	4.4	88
Chest X ray interpretation	4.4	88
Diagnostic tests	4.4	88
Airway Management	4.6	92
Insertion, care and monitoring of Central line	4.5	90
Fluid and electrolyte balance	4.7	94
Mechanical ventilator, Connecting and weaning from ventilator	4.7	94
IABP	4.2	84
AKI/CKI	4.4	88
Overall score	4.5	89

The overall session-wise feedback was found to be $\geq 89\%$. Out of 16 topics covered in three days 7 topics scored higher than 90%. The top four highly appreciated sessions were ECG interpretation (96%) Fluid and electrolyte balance (94%) and mechanical ventilator- connecting and weaning from mechanical ventilator (94%), ABG Analysis.

22.6% suggested having more hands on clinical oriented workshops. Few topics suggested by them for future workshops are sessions on Blood sugar management, ICU patient risk assessment scales, pharmacological management, drug prescription, BLS & ACLS.

Conclusion: The workshop had been an excellent source of information for all the participants especially Nurse practitioners in Critical Care post graduate students. The session were highly appreciated were ECG interpretation (96%), Fluid and electricity balance (94%), Mechanical Ventilator connecting and wearing (94%), Airway Management (92%), ABG Analysis (92%) Cardiac Assessment (92%).





National Workshop



Critical Care beyond the Basics: Nurse Practitioners in Forefront



Sponsored by ICMR

Organized by

MGM NEW BOMBAY COLLEGE OF NURSING

MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

On

28th - 30th March 2019

Venue

University Auditorium, 3rd floor
MGM Institute of Health Sciences, Plot No: 1&2,
Sector 1, Kamothe, Navi Mumbai – 410209.



Introduction

Critical care unit is one of the most challenging and key areas of healthcare which are equipped, designed and staffed to closely monitor and treat patients with life threatening conditions. Over the years critical care has faced remarkable strides in diagnostic and technological advances to improve patient outcomes. Today the number of patients receiving critical care and their demands upon care givers has grown.

In India, to meet the growing demands of the critical care and to make a paradigm shift in nursing care, modifications in traditional critical care team is evolving with launching of Nurse Practitioners in Critical care post graduate programme by Government of India in the year 2017.

The Nurse Practitioner students are being trained to make clinical decisions independently and collaboratively, focusing on stabilizing patient's condition, minimizing acute complications and maximizing restoration of health. The required key competencies of Nurse Practitioner in critical care include expertise in diagnostic reasoning, complex monitoring and performing advanced procedures.



Aim

This workshop aims to provide hands on skill building sessions to enhance future Nurse Practitioners to deliver comprehensive patient Care.

The workshop also aims to provide networking opportunities for the first batch of Nurse Practitioner students nationally to interact and share their Experience.

Objectives

At the end of the workshop, the participant will;

- Exhibit focussed physical examination skills.
- Use systemic approach to interpret ECG
- Demonstrate skills in hemodynamic monitoring
- Expedite airway management
- Interpret findings of ABG, X ray and other diagnostic tests
- Demonstrate insertion of arterial and central lines





Topics

- ✓ Focused Physical Assessment cues.
- ✓ Systemic Approach to interpret ECG.
- ✓ Hemodynamic Monitoring.
- ✓ ABG Analysis.
- ✓ Airway Management.
- ✓ Basic Chest X-Ray Interpretations.
- ✓ Diagnostic Test-Which, when, why, what?
- ✓ Insertion, care & monitoring central line.
- ✓ Insertion, Care, Blood Collection & monitoring Arterial line.
- ✓ Mechanical Ventilation.
- ✓ Fluid and Electrolyte Imbalance.
- ✓ IABP
- ✓ AKI/CKI

Poster Presentation Guidelines

Concept posters are invited from delegates who register for the workshop.

The following information may be noted:

- All delegates presenting the poster must necessarily be registered for the workshop.
- Word limit for poster: 500 words with references.
- Poster Size: 3x 2.5 ft.
- Layout: Portrait.
- Last date of submission: 20.03.2019

E-mail to:

mgm nursingresearch@gmail.com

Contact Person:

Ms. Jyoti Chaudhari (9833984291)

Eminent Speakers

Dr. Jaishree Ghanekar, HOD & Professor, Department of Medicine, MGM Hospital & Medical College, Kamothe.

Dr. Sameer Kadam, HOD & Professor, Cardiac vascular surgery, Incharge Director Skill Laboratory, MGM Hospital & Medical College, Navi Mumbai

Mrs. Ashima Bhattacharya, Director of Nursing, BP Poddar Hospital & Medical Research, Kolkata, WB.

Dr. Vishwas Sathe, Professor, Cardiac Anaesthesia, MGM Hospital & Medical College, Kamothe.

Dr. Mitesh Thakkar, Professor, Department of Medicine, MGM Hospital & Medical College, Kamothe.

Dr. N.L Vyas, Associate Professor, Surgical Gastroenterology, MGM Hospital & Medical College, Kamothe

Dr. Aarti Kulkarni, Associate Professor, Neuro Medicine, MGM Hospital & Medical College, Kamothe.

Dr. Sagar Sinha, FNB, Head Critical Care, Assistant Professor, Department of Emergency Medicine, MGM Hospital, Kamothe.

Dr. Shreeja Nair, Assistant Professor, Respiratory Medicine, MGM Hospital & Medical College, Kamothe.

Dr. Deepika Sathe, Assistant Professor, Department of Anaesthesia, MGM Hospital & Medical College, Kamothe.

Dr. Shripal Jain, Lecturer, Department of Medicine, MGM Hospital & Medical College, Kamothe.

Dr. Harshad Rajge, Lecturer, Department of Medicine, MGM Hospital & Medical College, Kamothe.

Dr. Deepa Vanjari, MD, EM, FACEE, IDCCM, Consultant Emergency Medicine, MGM Hospital Vashi.

Dr. Rahul Shah, MBBS, MRCEM (UK), Consultant Emergency Medicine, MGM Hospital Vashi.

Dr. Suhasini Sonavdekar, Associate Professor, Anaesthesia, ICU Intensivist, MGM Hospital & Medical College, Kamothe.

Dr. Aditya Nayak, Associate Professor, Nephrology, Department of Medicine, MGM Hospital Kamothe.

Target Audience

Nursing Professionals: Nurses working in Critical Care Units & Teaching faculty

Students: Nurse Practitioner in Critical Care & M. Sc Nursing



Critical Care Beyond the Basics



Chief Patron	:	Shri. Kamalkishor Kadam, Chairman, MGM Trust & Chancellor MGMIHS
Patrons	:	Dr. Shashank D. Dalvi, Vice Chancellor, MGMIHS Dr. S. N. Kadam, Trustee, MGM Trust & Medical Director
Advisors	:	Dr. Nitin N. Kadam, Trustee, MGM Trust & COE, MGMIHS Dr. Rajesh B. Goel, Registrar, MGMIHS
Organizing Chairperson/ Secretary	:	Dr. Prabha K Dasila, Professor & Director, MGMNBCON
Organizing Convenor	:	Mrs. Ponchitra R, Professor & Vice Principal, MGMNBCON
Organizing Co-ordinator	:	Mrs. Maria Preethi Mathew, Associate Professor, MGMNBCON

Name of the Committee	Committee Members
Registration	Ms. Maria Preethi Mathew, Ms. Neethu M Varghese, Ms. Dipali Pingale, Ms. Brincy D John, Ms. Pranali Bhosale
Organizing	Ms. Susan Jacob, Ms. Ferganzia Jubilson, Ms. Liya John, Ms. Sanjukta Mohanty, Ms. Manju Anna Varghese, Mr. Nitin Pawar, Ms. Sarika Lokhande
Scientific	Ms. Jyoti Chaudhari, Ms. Padmaja Dhawale, Ms. Josmy Abraham, Ms. Sarika Sukesh Nair, Ms. Sherin Susan Thampy
Hospitality	Ms. Sindhu Thomas , Ms. Preeti Banerjee Ms. Kavitha V, Ms. Remya Philip
Food & Refreshment	Ms. Jayalakshmi P , Ms. Gayathri Kutty, Ms. Pranali Shetye, Ms. Ritika Gawade
Budget	Ms. Jayalakshmi P , Ms. Vandana Kumbhar
Cultural	Ms. Remya Philip, Ms. Sherin Susan Thampy

Registration Information

Participant	Registration fee
PG Students	2500/-
Faculty	2800/-

Contact Persons for Registration:

Ms. Neethu Merin Varghese (9594017187)
Ms. Brincy Darwin John (8600007132)

Contact Persons for Accommodation:

Ms. Sindhu Thomas (8928202617)
Ms. Kavitha V (9325926652)

Fee Remittance Details:

Account: MGM New Bombay College of Nursing
Bank Name: IDBI Bank, Sector 11, CBD Belapur.
Account Number: 0183104000287166
IFSC CODE: IBKL0000183

Contact Person for Payment:

Ms. Jayalakshmi Panicker (7021745711)



Critical Care





MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

MGM NEW BOMBAY COLLEGE OF NURSING

5th Floor, MGM Educational Campus, Plot No. 1 & 2, Sector-1

Kamothe, Navi Mumbai – 410 209.

List of Participants

Name of the Programme: A National Workshop on "Critical Care Beyond the Basics: Nurse Practitioners in Forefront"

Venue: University Auditorium, 3rd Floor, MGMIHS, Kamothe.

Date: 28th to 30th March 2019

Sr. No.	Name	Designation
1.	Dr. (Mrs.) Prabha K. Dasila	Professor & Director
2.	Mrs. R. Ponchitra	Professor cum Vice Principal
3.	Mrs. Susan Jacob	Professor
4.	Mrs. Maria Preethi Mathew	Associate Professor
5.	Mrs. Josmy Abraham	Lecturer
6.	Mrs. Liya John	Tutor
7.	Mrs. Ferganzia Jubilson	Tutor
8.	Mrs. Brincy Darwin John	Tutor / Nurse Preceptor
9.	Mrs. Sanjukta Bibhu Mohanty	Tutor

Dr. (Mrs.) Prabha K. Dasila
Professor & Director

PROFESSOR & DIRECTOR
MGM New Bombay College of Nursing
Kamothe, Navi Mumbai - 410209

