



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed University u/s 3 of UGC Act, 1956)  
**Accredited Grade A by NAAC**

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**Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and  
Physiotherapy.**

**(SAC/10/2022)**

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 15<sup>th</sup> Nov 2022 at 10.00 am at the IQAC Room, MGM Institute of Health Sciences, Navi Mumbai. The following members had participated in the meeting:

- |                            |   |                   |
|----------------------------|---|-------------------|
| 1. Dr. Prakash P Doke      | : | Chairperson       |
| 2. Dr. Sanjay Chauhan      | : | Member (Abs)      |
| 3. Dr. Gajanan Velhal      | : | Member            |
| 4. Dr. Maninder S Setia    | : | Member            |
| 5. Dr. Jaimala Shetye      | : | Member            |
| 6. Dr. Rajani Mullerpatan  | : | Member            |
| 7. Dr. Swati Mahajan       | : | Member            |
| 8. Dr. Meera Achrekar      | : | Member            |
| 9. Dr. Prabha Dasila       | : | Member            |
| 10. Dr. Bela Agarwal       | : | Member Secretary  |
| 11. Dr. Sabita M Ram       | : | Director Research |
| 12. Dr. Medha Deo          | : | Invited Member    |
| 13. Dr. Chandramani Pathak | : | Observer          |

Dr Sanjay Chauhan conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and Students for the meeting. All the other members were present for the meeting. Dr. S.Ram invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that the total number of 3 new research proposals and 3 six monthly progress will be presented. It was also suggested by all members that all Ph.D. scholars need to be present in person for the SAC presentations for enhanced interaction.

Agenda of the meeting was taken up.

## **I. To Confirm the Minutes of the Meeting held on 12<sup>th</sup> September 2022**

Minutes of the Meeting held on 12<sup>th</sup> September, 2022 were read out and confirmed.

## **II. To review the Ph.D. protocols of three Ph.D. Students:**

### **1. Title: A Mixed Method Process Evaluation of Culturally Appropriate Pain Science Education for Marathi-Speaking People with Chronic Low Back Pain**

**Ph.D. Student** : **Dr. Rinkle Hotwani (PT)**  
**Guide** : **Dr. Tabish Fahim**  
**Subject** : **Physiotherapy**

- a. Revise title, delete 'Marathi Speaking' from title
- b. Define sample size for each outcome variable and consider the highest sample size for each phase
- c. Scholar may undertake training in qualitative analysis to ensure appropriate analysis
- d. Define objectives and phases as per 'Process Evaluation' methodology for greater clarity.
- e. Categorize people undergoing intervention based on different socio-cultural backgrounds
- f. Consider deficiency syndromes such as Vitamin D, Vitamin B12 deficiency as exclusion criteria
- g. The research proposal needs to be modified with incorporation of the suggestions of the SAC committee and re-present to the SAC for approval.

### **2. Title: Spine Care Needs and Perceived Barriers to Accessing and Implementing a Model of Spine Care in Rural Setting of Raigad District, Maharashtra: A Mixed-Method Study**

**Ph.D. Student** : **Dr. Sona Kolke (PT)**  
**Guide** : **Dr. Rajani Mullerpatan**  
**Subject** : **Physiotherapy**

- a. Include operational definition of chronic low back pain
- b. If substantial sample size of 1000 participants is not achieved from a survey of 2 villages the study may be extended to two more villages
- c. The research protocol may be revised and presented for ethical approval.

**3. Title: Development and validation of a prediction app for sleep quality, activities of daily living and functional outcome in patient with stroke**

**Ph.D. Student** : **Dr. Gaurav Mhaske (PT)**  
**Guide** : **Dr. Tabish Fahim**  
**Subject** : **Physiotherapy**

- a. Study design needs to be revisited
- b. Validate the app content before implementation on patients
- c. Define objectives and methodology based on the study
- d. The research protocol needs to be resubmitted and presented in SAC for approval

**III: To review the six-monthly progress of 3 Ph.D. Students:**

**4. Title: An Evaluation of Level of Physical Function Among Elderly in Urban and Rural Settings and Effect of Exercise Intervention in Elderly in an Urban Setting**

**Ph.D. Student** : **Poonam Desai**  
**Guide** : **Dr. Rajani Mullerpatan**  
**Subject** : **Physiotherapy**

- a. Modify objective to account for influence of age and gender in analysis
- b. Prepare booklet of training program and copyright the material developed
- c. Ensure presentations of knowledge generated in two conferences and publications of 2 papers in peer-reviewed indexed scientific journals.

**5. Title: Self-Perceived Versus Objectively Measure Clinical Competency Among Nursing Students: A Comparative Study**

**Ph.D. Student** : **Susan Jacob**  
**Guide** : **Dr. Prabha Dasila**  
**Subject** : **Nursing**

- a. Reframe objectives as a single primary objective and others as secondary objectives
- b. Re-estimate sample size based on proportions calculated from pilot study
- c. Intra rater Reliability of the tool needs to be ensured
- d. Analyze the discordance between self and objectively measured competency using 3x3 table and in which areas
- e. Student needs clarity in statistical analysis
- f. Implications of the study need to emerge

**6. Title: A study to assess the effectiveness of planned nursing interventions on health status of mechanically ventilated patients admitted in selected intensive care units of Aurangabad**

**Ph.D. Student** : **Rahul Deshmukh**  
**Guide** : **Dr. Anuradha Mhaske**  
**Subject** : **Nursing**

- a. The term 'health status' may be retained in the title
- b. The study groups need to be defined appropriately
- c. All study variables need to be collected for study group too.
- d. Re-present the progress report to SAC with data analysis and references for study intervention protocol

**IV. Any other matter with the permission of Chair**

Meeting ended with vote of thanks to Chairperson and all the Members.



Dr. Bela Agarwal  
Member Secretary



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**Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and  
Physiotherapy.**

**(SAC/12/2023)**

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 22<sup>nd</sup> February 2023 at 10.00 am at the IQAC Room, MGM Institute of Health Sciences, Navi Mumbai. The following members had participated in the meeting:

- |                            |   |                   |
|----------------------------|---|-------------------|
| 1. Dr. Prakash P Doke      | : | Chairperson       |
| 2. Dr. Sanjay Chauhan      | : | Member            |
| 3. Dr. Gajanan Velhal      | : | Member            |
| 4. Dr. Maninder S Setia    | : | Member (Absent)   |
| 5. Dr. Jaimala Shetye      | : | Member (Absent)   |
| 6. Dr. Rajani Mullerpatan  | : | Member            |
| 7. Dr. Swati Mahajan       | : | Member            |
| 8. Dr. Meera Achrekar      | : | Member            |
| 9. Dr. Prabha Dasila       | : | Member            |
| 10. Dr. Bela Agarwal       | : | Member Secretary  |
| 11. Dr. Chandramani Pathak | : | Director Research |

Dr. Jaimala Shetye and Dr. Maninder Setia conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and Students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that the total number of 2 new research proposals and 6 six monthly progress will be presented. Agenda of the meeting was taken up.

**I. To Confirm the Minutes of the Meeting held on 29<sup>th</sup> November 2022**

Minutes of the Meeting held on 29<sup>th</sup> November, 2022 were read out and confirmed.

## II. To review the Ph.D. protocols of two Ph.D. Students:

### 1. Effect of Heartfulness Meditation on Physiological and Psychological parameters among adults residing in rural areas of Ahmednagar district of Maharashtra

Ph.D. Student : Mr. Sandeep Thombre, Navi Mumbai  
Guide : Dr. Prabha K. Dasila  
Subject : Nursing

- a. Revise title based on objectives of the study
- b. Define study design as a randomized clinical trial along with an appropriate sampling technique to ensure comparability between groups
- c. Mention details of study setting
- d. Define outcome measures
- e. Recalculate sample size. Account for loss to follow up while calculating sample size
- f. Inclusion and exclusion criteria for study and control group
- g. Define time points of reassessment
- h. Evaluate physiological and psychological effect after first session
- i. Pay attention to spelling and grammar while preparing protocol
- j. The research proposal needs to be modified with incorporation of the suggestions of the SAC committee and re-present to the SAC for approval.

### 2. Screening of Individuals at risk for Peripheral Arterial Disease and influence of supervised exercise training on physical function and lower limb vascularization

Ph.D. Student : Dr. Bhumika Sawant (PT)  
Guide : Dr. Rajani Mullerpatan  
Subject : Physiotherapy

- a. Modify title to reflect study focus on peripheral artery disease of lower extremity
- b. Define primary and secondary objectives
- c. Include evaluation of dietary habits
- d. Expand sample size as per 99% confidence interval
- e. In inclusion criteria specify limits of BMI, hypertension, diabetes and details of smoking history
- f. The research protocol may be revised and presented for ethical approval.

**III: To review the six-monthly progress of 6 Ph.D. Students:**

**3. Effect of Parent – Child Counseling on Nocturnal Enuresis related Self-esteem and Psychological Wellbeing among Children**

**Ph.D. Student** : **Mr. Dipak Khadke, Aurangabad**  
**Guide** : **Dr. Prabha K. Dasila**  
**Co-Guide** : **Dr. Nitin N. Kadam**  
**Co-Guide** : **Dr. Mohd. Saeed Siddiqui**  
**Subject** : **Nursing**

- a. Define study design as a pre-experimental study
- b. Evaluate reasons for difference in % frequency between groups
- c. Start intervention
- d. Fast track study
- e. Ensure presentations of knowledge generated in two conferences and publications of 2 papers in peer-reviewed indexed scientific journals.

**4. Impact of Parent Empowerment Programme on the optimal health of Children with thalassemia and the psychosocial well-being of parents**

**Ph.D. Student** : **Mrs. Anna Hima Thomas, Navi Mumbai**  
**Guide** : **Dr. R. Ponchitra**  
**Subject** : **Nursing**

- a. Operational definition of group to be included in study
- b. Consider evaluation of effect of transfusion on cardiac system
- c. Record side effects of transfusion
- d. Identify more centers in Mumbai
- e. Decrease the number of objectives

**5. Evaluation of Nurse Practitioner in Critical Care Programme: An exploratory multicentre study**

**Ph.D. Student** : **Mrs. Ferganzia Jubilson, Navi Mumbai**  
**Guide** : **Dr. R. Ponchitra**  
**Subject** : **Nursing**

- a. Identify criteria to evaluate impact of nurse practitioners course The term ‘
- b. Stratify results as per stakeholder

**6. Utilization of Government welfare schemes and their association with quality of life among senior citizen of Konkan division: Cross Sectional Study**

**Ph.D. Student** : **Ms. Vandana Kumbhar, Navi Mumbai**  
**Guide** : **Dr. R. Ponchitra**  
**Subject** : **Nursing**

- a. Identify health related welfare schemes running currently
- b. Specify sampling technique
- c. Publish in pubmed/scopus indexed journals

#### **7. Develop and evaluate practice model for care givers in creches**

**Ph.D. Student** : Ms. Ms. Arunima S, Navi Mumbai  
**Guide** : Dr. R. Ponchitra  
**Subject** : Nursing

- a. Complete analysis of results and present synopsis
- b. Ensure presentations of knowledge generated in two conferences and publications of 2 papers in peer-reviewed indexed scientific journals

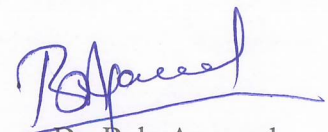
#### **8. Effect of structured nursing interventions on self-management behavior and health related quality of life among children with Bronchial Asthma**

**Ph.D. Student** : Ms. Deepa Awlegaonkar, Navi Mumbai  
**Guide** : Dr. Prabha K. Dasila  
**Co-Guide** : Dr. Parmarth Chandane  
**Subject** : Nursing

- a. Compare validity of online and in-person intervention for equivalency
- b. In case, the methods are changed from previously approved protocol, present an amendment in protocol defining the changes in methodology, objectives and title revision (if necessary) to the Ethics Committee for approval.

#### **IV. Any other matter with the permission of Chair**

Meeting ended with vote of thanks to Chairperson and all the Members.

  
Dr. Bela Agarwal  
Member Secretary

**Dr. Bela Agarwal**  
**Member Secretary**  
**Scientific Advisory Committee Nursing and Physiotherapy**  
**MGM Institute of Health Sciences, Navi Mumbai**





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**Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and  
Physiotherapy.**

**(SAC/13/2023)**

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 10<sup>th</sup> March 2023 at 10.00 am at the IQAC Room, MGM Institute of Health Sciences, Navi Mumbai. The following members had participated in the meeting:

- |                            |   |  |
|----------------------------|---|--|
| 1. Dr. Prakash P Doke      | : | Chairperson (Absent)                   |
| 2. Dr. Sanjay Chauhan      | : | Member (Absent)                        |
| 3. Dr. Gajanan Velhal      | : | Member (Chairperson- for this meeting) |
| 4. Dr. Maninder S Setia    | : | Member (Absent)                        |
| 5. Dr. Jaimala Shetye      | : | Member (Absent)                        |
| 6. Dr. Rajani Mullerpatan  | : | Member (Absent)                        |
| 7. Dr. Swati Mahajan       | : | Member (Absent)                        |
| 8. Dr. Meera Achrekar      | : | Member                                 |
| 9. Dr. Prabha Dasila       | : | Member                                 |
| 10. Dr. Bela Agarwal       | : | Member Secretary                       |
| 11. Dr. Chandramani Pathak | : | Director Research                      |

Dr Prakash Doke, Dr Sanjay Chavhan, Dr Rajani Mullerpatan, Dr. Jaimal Shetye, Dr Swati Mahajan and Dr. Maninder Setia conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and Students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that the total number of 1 new research proposal and 3 synopsis presentations.. Agenda of the meeting was taken up.

## **I. To Confirm the Minutes of the Meeting held on 22<sup>nd</sup> February 2023**

Minutes of the Meeting held on 22<sup>nd</sup> February 2023 were read out and confirmed.

## **II. To review the Ph.D. protocol of one Ph.D. Student:**

### **1. Title: Effect of Heartfulness Meditation on Physiological and Psychological parameters among adults residing in rural areas of Ahmednagar district of Maharashtra**

<b>Ph.D. Student</b>	<b>:</b>	<b>Mr. Sandeep Thombare, Navi Mumbai</b>
<b>Guide</b>	<b>:</b>	<b>Dr. Jyoti M. Choudhari</b>
<b>Subject</b>	<b>:</b>	<b>Nursing</b>

- a. Study design –Experimental epidemiology study- a field trial approach may be specified in methodology section.
- b. Data points need to be optimized for adequate data analysis
- c. Include a ‘perceived benefit questionnaire’ to evaluate and elaborate on benefit of heartfulness meditation perceived by participants
- d. Provide details of intervention package
- e. Consider stratification of participants with comorbidities while data analysis
- f. The proposal is approved subject to inclusion of above suggestions and submission.

## **II: To review synopsis of 3 Ph.D. students:**

### **2. Title: Effectiveness of audio assisted teaching programme on knowledge regarding smart phone usage and its effects in under five children among their parents at Aurangabad city**

<b>Ph.D. Student</b>	<b>:</b>	<b>Mr. Prashant B. Kulkarni, Aurangabad</b>
<b>Guide</b>	<b>:</b>	<b>Dr. Anuradha Mhaske</b>
<b>Subject</b>	<b>:</b>	<b>Nursing</b>

- a. Elaborate on methods used to identify participants
- b. Include time of discussion/interaction with parents in the intervention session
- c. Explain further improvement in post-test 2 values, document parental self-intervention between pretest 1 and 2
- d. Synopsis is approved subject to inclusion of above suggestions
- e. Submission of thesis with inclusion of suggestions and after ensuring completion of 2 mandatory publications in peer reviewed Scopus, Pubmed, UGC care indexed journals and 2 conference presentations

**3. Title: Effect of psycho-educational approach on alcohol expectancies among the adolescents**

**Ph.D. Student** : **Mr. Alik Anthony Ray, Navi Mumbai**  
**Guide** : **Dr. Jyoti M. Chaudhari**  
**Co-Guide** : **Dr. Krishna Kumar Singh**  
**Subject** : **Nursing**

- a. Synopsis is approved
- b. Submission of thesis after ensuring completion of 2 mandatory publications in peer reviewed Scopus, Pubmed, UGC care indexed journals and 2 conference presentations

**4. Title: The effect of Family based interventions on nutritional status of children in rural community**

**Ph.D. Student** : **Ms. Asmita L. Kamble, Navi Mumbai**  
**Guide** : **Dr. Jyoti M. Chaudhari**  
**Co-Guide** : **Dr. Rakesh Kumar**  
**Subject** : **Nursing**

- a. Consider stratification of results for children with malnutrition
- b. Mention limitations of study
- c. To collect feedback from parents
- d. Synopsis may be approved subject to incorporation of above suggestions
- c. Submission of thesis after ensuring completion of 2 mandatory publications in peer reviewed Scopus, Pubmed, UGC care indexed journals and 2 conference presentations



**Dr. Bela Agarwal**  
**Member Secretary**

**Dr. Bela Agarwal**  
**Member Secretary**  
Scientific Advisory Committee Nursing and Physiotherapy  
MGM Institute of Health Sciences, Navi Mumbai



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**Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and  
Physiotherapy.**

(SAC/15/2023)

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 24<sup>th</sup> May 2023 at 10.00 am in online mode. The following members had participated in the meeting:

1. Dr. Prakash P Doke	:	Chairperson
2. Dr. Sanjay Chauhan	:	Member
3. Dr. Gajanan Velhal	:	Member
4. Dr. Maninder S Setia	:	Member (Absent)
5. Dr. Jaimala Shetye	:	Member (Absent)
6. Dr. Rajani Mullerpatan	:	Member (Absent)
7. Dr. Swati Mahajan	:	Member
8. Dr. Meera Achrekar	:	Member
9. Dr. Prabha Dasila	:	Member
10. Dr. Bela Agarwal	:	Member Secretary
11. Dr. Chandramani Pathak	:	Director Research

Dr Rajani Mullerpatan, Dr. Jaimala Shetye, and Dr. Maninder Setia conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that synopsis of 2 PhD scholars and six monthly progress of 3 PhD scholars would be presented in the meeting. Agenda of the meeting was taken up.

**I. To Confirm the Minutes of the Meeting held on 10<sup>th</sup> March 2023**

Minutes of the Meeting held on 10<sup>th</sup> March 2023 were read out and confirmed.

**II. To review and approve the synopsis of 2 Ph.D. Students:**

**1.Title: To assess the effectiveness of comprehensive nursing interventions on perinatal outcome of women with gestational diabetes mellitus attending the antenatal OPDs of selected hospitals in Aurangabad**

**Ph.D. Scholar: Ms. Amarja Anil Gosavi, Aurangabad**

**Guide: Dr. Anuradha Mhaske**

**Subject: Nursing**

- a. Study design – Correct to Randomized controlled trial
- b. Reduce objectives and hypothesis by clubbing the outcome measures
- c. Clarify outcome measure used and method used for sample size estimation
- d. Define maternal wellbeing
- e. Describe detailed method followed for delivery of intervention package and elaborate on differences between standard care and study intervention package
- f. Use the term ‘participants’ instead of ‘subject/samples/patients’
- g. Correct values in ‘Income’ table
- h. A detailed discussion on results from each objective should be presented in paragraph form not as tables
- i. Please check the title of study as only one hospital has been included and in case the ethics letter contains the same title, the same will be required to be revised before submission of thesis
- j. Recommendations should be based on findings from the study
- k. Synopsis is approved subject to inclusion of above suggestions and confirmation of title of study with ethical approval letter

**2.Title: To assess the effectiveness of objective structured clinical examination (OSCE) and Traditional method in selected components of obstetric nursing on nursing student’s knowledge, skill and attitude in nursing colleges, Aurangabad**

**Ph.D. Scholar: Ms. Marylin S. Shinde, Aurangabad**

**Guide: Dr. Anuradha Mhaske**

**Subject: Nursing**

- a. Delete objectives 3 and 4 as they are inclusive in objective 5
- b. Inter rater reliability for testers
- c. Add the highest score values for each OSCE
- d. Present graphs/figures using appropriate method
- e. Recommendations from the study can be presented better for application in academics
- e. Synopsis is approved subject to inclusion of above suggestions

**III. To review the six-monthly progress report of 3 Ph.D. Students:**

**3.Self-perceived versus objectively measured clinical competency among Nursing Students: A Comparative Study**

**Ph.D. Scholar: Mrs. Susan Jacob, Navi Mumbai**

**Guide: Dr. Prabha K. Dasila**

**Subject: Nursing**

- a. Sample size estimation based on difference between perceived and observed competency
- b. To initiate statistical evaluation
- c. 25% of PhD work achieved till date
- d. Speed up project work, ensure publication and conference presentations in the next 6 months

**4. A process evaluation of culturally appropriate pain science education for Marathi-speaking people with chronic low back pain**

**Ph.D. Scholar: Dr. Rinkle Hotwani**

**Guide: Dr. Tabish Fahim**

**Subject: Physiotherapy**

- a. Reframe research question
- b. Sample size for phase 3 can be based on data saturation achieved after interviews
- c. 10-15% of PhD work is achieved
- d. Speed up work on the objectives

**5. Spine-care needs and perceived barriers to accessing and implementing a model of spine-care for mechanical spine pain in rural community of Raigad district, Maharashtra: A mixed-method study**

**Ph.D. Scholar: Ms. Sona Sarma Kolke**

**Guide: Dr. Rajani Mullerpatan**

**Subject: Physiotherapy**


- a. Speed up project work to achieve objectives in the PhD timeline

**IV. Any other matter with the permission of the chair:**

Dr. Pathak informed the members of introduction of an 'Evaluation Report' by the PhD scholar and PhD supervisors which needs to be submitted along with the six-monthly progress report. The committee members welcomed and appreciated the introduction of the 'Evaluation Report'.

The meeting was concluded with the Vote of Thanks by the Member Secretary and Director Research appreciating the invaluable input provided by the SAC members to refine the projects and support the PhD scholars.



  
Dr. Bela Agarwal  
Member Secretary

Dr. Bela Agarwal  
Member Secretary  
Scientific Advisory Committee Nursing and Physiotherapy  
MGM Institute of Health Sciences, Navi Mumbai



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**Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and  
Physiotherapy.**

**(SAC/16/2023)**

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 25<sup>th</sup> May 2023 at 10.00 am in online mode. The following members had participated in the meeting:

- |                            |   |                   |
|----------------------------|---|-------------------|
| 1. Dr. Prakash P Doke      | : | Chairperson       |
| 2. Dr. Sanjay Chauhan      | : | Member            |
| 3. Dr. Gajanan Velhal      | : | Member            |
| 4. Dr. Maninder S Setia    | : | Member (Absent)   |
| 5. Dr. Jaimala Shetye      | : | Member            |
| 6. Dr. Rajani Mullerpatan  | : | Member (Absent)   |
| 7. Dr. Swati Mahajan       | : | Member            |
| 8. Dr. Meera Achrekar      | : | Member            |
| 9. Dr. Prabha Dasila       | : | Member            |
| 10. Dr. Bela Agarwal       | : | Member Secretary  |
| 11. Dr. Chandramani Pathak | : | Director Research |

Dr Rajani Mullerpatan and Dr. Maninder Setia conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that synopsis of 2 PhD scholars and six-monthly progress of 1 PhD scholar would be presented in the meeting. Agenda of the meeting was taken up.

**I. To Confirm the Minutes of the Meeting held on 24<sup>th</sup> May 2023**

Minutes of the Meeting held on 24<sup>th</sup> May 2023 were read out and confirmed.

**II. To review and approve the synopsis of 2 Ph.D. Students:**

**1.Title: A study to assess the effectiveness of strategies to improve medication adherence in patients with psychiatric disorders at selected psychiatric hospitals of Aurangabad**

**Ph.D. Scholar: Mrs. Kanwaljeet Kaur**

**Guide: Dr. Anuradha Mhaske**

**Subject: Nursing**

- a. Use appropriate sample size estimation formula and confirm sample size
- b. Mention operational definition of motivational interview and provide details of its components
- c. Elaborate on difference of study intervention from standard care offered by counsellors
- d. Explain the reason of non-inclusion of care givers of patients in the program
- e. Discussion section should not mimic results section. Describe discussion with reference to findings from literature and from present study
- f. Recommendations should be based on findings from the study only
- g. Synopsis is approved subject to inclusion of above suggestions

**2.Title: The effectiveness of comprehensive lactation intervention on breast feeding outcome among primigravida mothers in selected hospitals in Aurangabad**

**Ph.D. Scholar: Mrs. Prabhadevi N.**

**Guide: Dr. Anuradha Mhaske**

**Subject: Nursing**

- a. Please elaborate on the national programs and the lacuna in existing programs that are fulfilled by the study intervention
- b. Research question to be presented before objectives
- c. Sample size estimation method needs to be described
- d. Mention the correct sampling technique and method used for group allocation
- e. Elaborate on how cross over of information was controlled between experimental and control group
- f. Neonatal outcomes should be termed as 'neonatal monitoring' and should be related to breast feeding
- g. Discuss impact of confounding variables on outcome variables
- h. Undertake statistical analysis of normal distribution of data using appropriate tests and analyze pre-test values to understand similarity of groups at baseline
- i. Explore effect size of difference for improvement in outcome variables in experimental and control group
- j. Discuss reasons for significant change in the outcome variables in the control group
- k. Discussion needs to be presented appropriately with supporting literature
- l. Conclusions should be based only from the findings of the present study after a thorough statistical re-analysis and sub-group analysis between normal delivery and LSCS mothers
- m. Recommendations from the study need to be in the form of clinical applications



- n. Submit a letter for extension of program in case deadline of completion is approaching and re-present synopsis
- o. Please check the title of study, as only one hospital has been included and in case the ethics letter contains the same title, the same will be required to be revised before submission of thesis

**III. To review the six-monthly progress report of 1 Ph.D. Student:**

**3. An Evaluation of level of physical function among elderly in urban and rural settings and effect of exercise intervention in elderly in an urban setting**

**Ph.D. Scholar: Ms. Poonam R. Desai**

**Guide: Dr. Rajani Mullerpatan**

**Subject: Physiotherapy**

- a. 70% of PhD work achieved till date
- b. Speed up project work, complete publication and conference presentations in the next 6 months

**IV. Any other matter with the permission of the chair:**

**On suggestions of the committee, it may be considered that students use the appropriate internationally valid reporting guidelines/check lists for various study designs (eg- STROBE, CONSORT and others) while submitting their protocols/synopsis to ensure that all aspects of the study are presented adequately in the text document as well as the presentation; especially focusing on operational definitions, objectives, methodology and interventions used in the study.**

**The meeting was concluded with the Vote of Thanks by the Member Secretary and Director Research appreciating the invaluable input provided by the SAC members to refine the projects and support the PhD scholars.**



**Dr. Bela Agarwal**  
**Member Secretary**

**Dr. Bela Agarwal**  
**Member Secretary**  
**Scientific Advisory Committee Nursing and Physiotherapy**  
**MGM Institute of Health Sciences, Navi Mumbai**



## MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A++' Accredited by NAAC

MGM Educational Campus, Sector 1, Kamothe, Navi Mumbai-410209, India

Tel : 022-27432471/27432994; Website : [www.mgmuhs.com](http://www.mgmuhs.com)

### Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and Physiotherapy held on 23th August 2023

(SAC/17/2023)

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 23<sup>th</sup> August 2023 at 10.30 am in dual mode. The following members had participated in the meeting:

- |                            |   |                   |
|----------------------------|---|-------------------|
| 1. Dr. Prakash P Doke      | : | Chairperson       |
| 2. Dr. Sanjay Chauhan      | : | Member (Absent)   |
| 3. Dr. Gajanan Velhal      | : | Member            |
| 4. Dr. Maninder S Setia    | : | Member (Absent)   |
| 5. Dr. Jaimala Shetye      | : | Member (Absent)   |
| 6. Dr. Rajani Mullerpatan  | : | Member (Absent)   |
| 7. Dr. Swati Mahajan       | : | Member            |
| 8. Dr. Meera Achrekar      | : | Member            |
| 9. Dr. Prabha Dasila       | : | Member            |
| 10. Dr. Bela Agarwal       | : | Member Secretary  |
| 11. Dr. Chandramani Pathak | : | Director Research |

Dr Rajani Mullerpatan, Dr. Maninder Setia, Dr. Jaimala Shetye and Dr. Sanjay Chauhan conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that synopsis of 2 PhD scholars, six monthly progress of 2 PhD scholars and RRC presentation of 1 PhD scholar would be presented in the meeting. Agenda of the meeting was taken up.

#### I. TO CONFIRM THE MINUTES OF THE MEETING HELD ON 25<sup>TH</sup> MAY 2023

Minutes of the Meeting held on 25<sup>th</sup> May 2023 were read out and confirmed.

## II. TO REVIEW AND APPROVE THE Ph.D. SYNOPSIS OF 2 Ph.D. STUDENTS:

### 1. The Effectiveness of Comprehensive Lactation Intervention on Breast Feeding Outcome Among Primigravida Mothers in Selected Hospital in Aurangabad

**Ph.D. Scholar:** Mrs. Prabhadevi Narayan

**Guide:** Dr. Anuradha Mhaske

**Subject:** Nursing

**Campus:** Aurangabad

- a. Highlight on gaps in government programs which are addressed by the current study
- b. Present research question in the PICOT format
- c. Mention about selection bias to prevent cross over effect of intervention
- d. Compare outcome variables such as immediate effect of breast feeding intervention in both groups
- e. Use appropriate tests for statistical analysis
- f. Revise conclusions, mention only conclusions supported by the current study
- g. Restrict to recommendations based on current study
- h. Synopsis accepted with minor revisions to be included as suggested by the SAC.  
Submit thesis within 3 months

### 2. Develop and Evaluate Practice Model for Care Givers in Creches

**Ph.D. Scholar:** Ms. Arunima S.

**Guide:** Dr. Ponchitra R.

**Subject:** Nursing

**Campus:** Navi Mumbai

- a. Present detailed table of review of literature Mention study design as pre experimental not quasi experimental
- b. Add mothers to inclusion criteria, ability to read and write local languages
- c. Elaborate on method of delivery of practice Model and difference from the Anganwadi training module
- d. Analysis of distribution of facilities
- e. Refer to Minimal Wages Act
- f. Correct graph axis for accurate presentation of data
- g. Re analyze mental development scores
- h. Use appropriate test for association between demographic variables and practices
- i. Elaborate on the Indian perspective for observations from the study

Use recommendations from the study to develop guidelines

Operational definition of types of Cretches

Synopsis accepted with minor revisions to be included as suggested by the SAC.  
Submit thesis within 3 months.

### **III. TO REVIEW RRC PRESENTATION OF 1 PhD SCHOLAR:**

3. Effect of Targeted Nursing Interventions on Maternal and Neonatal Outcomes Among Pregnant Women with Gestational Diabetes Mellitus Attending Tertiary Care Maternity Hospital

**Ph.D. Scholar: Mrs. Maria Preethi Mathew**

**Guide: Dr. Prabha K. Dasila**

**Subject: Nursing**

**Campus: Navi Mumbai**

- a. Include HbA1c and insulin levels for randomly selected women
- b. Follow up for 6 weeks post delivery
- c. Define one primary objective based on which the sample size will be calculated and others will be secondary objectives
- d. Calculate sample size using major primary outcomes and consider the larger sample size
- e. Define the correct sampling technique
- f. Intensity density analysis –weeks of compliance
- g. Mention methodology of qualitative aspect of study

### **IV. TO REVIEW THE SIX-MONTHLY PROGRESS REPORT OF 2 Ph.D. STUDENTS:**

4. Effect of Structured Nursing Interventions on Self-management Behaviour and Health Related Quality of Life Among Children with Bronchial Asthma

**Ph.D. Scholar: Ms. Deepa Awlegaonkar**

**Guide: Dr. Prabha K. Dasila**

**Co-Guide: Dr. Parmarth Chandane**

**Subject: Nursing**

**Campus: Navi Mumbai**

- a. Ammendments in protocol acceptable
- b. Commence recruitment of participants
- c. Speed up project

5. Effect of Nurse Led Intervention on Cognitive and Non Cognitive Functions and Serum TNF Alpha of Patients Receiving Chemotherapy for Colorectal Cancer at Tata Memorial Hospital, Mumbai.

**Ph.D. Scholar: Mrs. Anita R D'souza**

**Guide: Dr. Jyoti M. Chaudhari**

**Co-Guide: Dr. Vikas Ostwal**

**Subject: Nursing**

**Campus: Navi Mumbai**

- a. Add alternative hypothesis
- b. Perform Intention to treat analysis

- c. Can perform domain analysis of tool scores
- d. Compare the mean difference of change in both group
- e. Perform appropriate statistical analysis, trend analysis, graphical representation, explore association
- f. Speed up completion of project, data analysis, synopsis presentation in 6 months, ensure 2 conference presentations and paper publications

**V. Any other matter with the permission of the chair:**

The meeting was concluded with the Vote of Thanks by the Member Secretary and Director Research appreciating the invaluable input provided by the SAC members to refine the projects and support the PhD scholars.



Signature of Member Secretary

Date: 31/08/2023

Dr. Bela Agarwal  
Member Secretary  
Scientific Advisory Committee Nursing and Physiotherapy  
MGM Institute of Health Sciences, Navi Mumbai



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### Minutes of the Meeting of Scientific Advisory Committee (SAC) for Nursing and Physiotherapy held on 24th August 2023

(SAC/18/2023)

The Meeting of the SAC for Nursing and Physiotherapy MGM Institute of Health Sciences, Navi Mumbai was held on 24<sup>th</sup> August 2023 at 10.30 am in dual mode. The following members had participated in the meeting:

- |                            |   |                   |
|----------------------------|---|-------------------|
| 1. Dr. Prakash P Doke      | : | Chairperson       |
| 2. Dr. Sanjay Chauhan      | : | Member (Absent)   |
| 3. Dr. Gajanan Velhal      | : | Member            |
| 4. Dr. Maninder S Setia    | : | Member (Absent)   |
| 5. Dr. Jaimala Shetye      | : | Member            |
| 6. Dr. Rajani Mullerpatan  | : | Member            |
| 7. Dr. Swati Mahajan       | : | Member            |
| 8. Dr. Meera Achrekar      | : | Member            |
| 9. Dr. Prabha Dasila       | : | Member            |
| 10. Dr. Bela Agarwal       | : | Member Secretary  |
| 11. Dr. Chandramani Pathak | : | Director Research |

Dr. Maninder Setia and Dr. Sanjay Chauhan conveyed inability to attend the meeting. Director Research welcomed the Members, Guides and students for the meeting. All the other members were present for the meeting. Dr. Pathak invited the Member Secretary of SAC Committee to start with the agenda.

Member Secretary sought permission of the Chairperson to commence with the meeting. She mentioned that RRC presentation of 2 PhD scholars and six monthly progress of 4 PhD scholars and would be presented in the meeting. Agenda of the meeting was taken up.

#### **I. TO CONFIRM THE MINUTES OF THE MEETING HELD ON 23<sup>RD</sup> AUGUST 2023**

Minutes of the Meeting held on 23<sup>rd</sup> August 2023 were read out and confirmed.

## **II. TO REVIEW RRC PRESENTATION OF 2 Ph.D. STUDENTS:**

### **1. Comprehensive Risk Factor Analysis and Effect of Novel Postural Correction Intervention on Physical Function in Dentists With Spine Pain - A Mixed Method Study**

**Ph.D. Scholar: Ms. Victoria David Kuttan**

**Guide: Dr. Bela Agarwal**

**Co Guide: Dr. Rajani Mullerpatan**

**Subject: Physiotherapy**

**Campus: Navi Mumbai**

- a. Consider only the largest sample size as there is overlap of participants for achieving the objectives of the study
- b. Define intervention as per 2 groups -conventional physiotherapy and conventional Physiotherapy + novel device

### **2. Study on the Short Term (12 Weeks) And Long Term (52 Weeks) Of Physiotherapy Intervention on Musculoskeletal Pain, Physical Function and Health Related Quality of Life of Bharatanatyam Dancers**

**Ph.D. Scholar: Ms. Akhila Natesan**

**Guide: Dr. Rajani Mullerpatan**

**Subject: Physiotherapy**

**Campus: Navi Mumbai**

- a. Revise title of study
- b. Calculate sample size as per dances with both back and knee pain
- c. Consider evaluation of biochemical variables vitamin D, calcium, other factors influencing back pain
- e. Include data point at 6 and 9 months

## **III. TO REVIEW SIX MONTHLY PROGRESS OF 4 PhD SCHOLARS:**

### **3. Development of a Prediction App for Sleep Quality, Activities of Daily Living and Functional Outcome in Patient with Stroke**

**Ph.D. Scholar: Mr. Gaurav Mhaske**

**Guide: Dr. Tabish Fahim**

**Subject: Physiotherapy**

**Campus: Aurangabad**

- a. Consider inclusion of co-guide from Department of Neurology
- b. Define outcome measures as per time of inclusion of patient after stroke

- c. Define sample size for phase 3 study based on pilot study
- d. Increase sample size and carry out sub group analysis to segregate information of patients with 1 stroke and multiple strokes
- e. Consider validation of data got from smart watch such as heart rate, step count, sleep studies for criterion validation against gold standards
- f. Prediction model needs to be developed with data collection on a large number of patients
- g. Define novelty of technology being developed

**4. Impact of Parent Empowerment Programme on the Optimal Health of Children With Thalassemia and the Psychosocial Well Being of Parents**

**Ph.D. Scholar: Mrs. Anna Hima Thomas**

**Guide: Dr. Ponchitra R.**

**Co Guide: Dr. Bageshree Seth**

**Subject: Nursing**

**Campus: Navi Mumbai**

- a. Reword objective 5
- b. Include information on thalassemia minor status of parents, HIV, HbSAg status
- c. Check risk in special populations with reference to population census of district
- d. Consider evaluation of cardio-respiratory co-morbidity
- e. Speed up data collection, ensure conference presentation and initiate publication in SCOPUS/Pubmed indexed journals

**5. Evaluation of Nurse Practitioner in Critical Care Programme: An Exploratory Multicenter Study**

**Ph.D. Scholar: Mrs. Ferganzia Jubilson**

**Guide: Dr. Ponchitra R.**

**Co Guide: Dr. Ashwini Arte**

**Subject: Nursing**

**Campus: Navi Mumbai**

- a. Specify sites visited and sites at which online data will be calculated
- b. Speed up work on the project and ensure conference presentation and publication in SCOPUS/Pubmed indexed journals

**1. Utilization of Government Welfare Schemes and Their Association With Quality of Life Among Senior Citizen of Konkan Division: Cross Sectional Study**

**Ph.D. Scholar: Ms. Vandana Kumbhar**

**Guide: Dr. Ponchitra R.**

**Subject: Nursing**

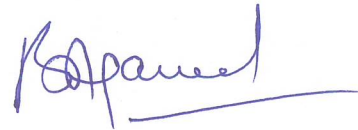
**Campus: Navi Mumbai**



- a. Segregate Palghar and Thane data
- b. Elaborate on how sampling methodology followed
- c. Speed up work on the project and ensure conference presentation and publication in SCOPUS/Pubmed indexed journals

**IV. Any other matter with the permission of the chair:**

The meeting was concluded with the Vote of Thanks by the Member Secretary and Director Research appreciating the invaluable input provided by the SAC members to refine the projects and support the PhD scholars.



Signature of the Member Secretary

Dr. Bela Agarwal  
Member Secretary  
Scientific Advisory Committee Nursing and Physiotherapy  
MGM Institute of Health Sciences, Navi Mumbai

Date: 31/08/2023