

Minutes of Meeting

Scientific Advisory Committee for Medical & Biomedical Sciences

Period - September 2023 to August 2024



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

Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/20/2023)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 2nd September 2023 at 10.00 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Swati Mahajan : Member
Dr. Mansee Thakur : Member Secretary
Dr. Chandramani Pathak : Director Research
Dr. Rajesh Dase : Member
Dr. Ipseeta Ray : Member

The following members conveyed their inability to join the meeting:

Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Raman P Yadav : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting.

Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 31.08.2023 were read and confirmed.

II. RRC Presentation:

1. Molecular Detection of New Delhi Metallo β Lactamase (*bla_{NDM-1}*) Gene From Carbapenem-Resistant GNBS Isolated From Patients Admitted to a Tertiary Care Hospital

Ph.D. Scholar: Aishwarya Warang

Guide: Dr. Sharvari A. Samant

Subject: Microbiology

Campus: Navi Mumbai

Committee Suggested:

- Rewrite the title
- Recheck the scientific nomenclature of the gene (New Delhi Metallo β Lactamase (*bla_{NDM-1}*)).
- Clearly define the novelty of the study.
- Reframe the inclusion criteria for receiving the sample.
- Recommended to include a clinician as a co-guide.

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

2. A Comparative Study on Different Embalming Solutions on Rats; A Substitute for Formaldehyde in a Preservation of Anatomical Specimen

Ph.D. Scholar: Padmini K. Shinde

Guide: Dr. Mini Mol

Subject: Anatomy

Campus: Navi Mumbai

Committee Suggested:

- Researcher should include Male as well as female rats in the study
- Mention the number of Rats, their age (6-8 months), and their sub groups
- Study on human cadaver should be eliminated.

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

3. Aluminum Oxide NPs (Al_2O_3 NPs) Induced Model of Cognitive Dysfunction in Zebrafish

Ph.D. Scholar: Ms. Sanskruti S. Thakur

Guide: Dr. Himanshu Gupta

Co-guide: Dr. Mansee Thakur

Subject: Medical Biotechnology

Campus: Navi Mumbai

Committee Suggested:

- Modify the title by including the full form of NPs, and “the development and validation” of model
- Mention the Brand of Ayurvedic Medicine proposed to be used

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

4. Identifying Molecular Target-Based Colon Cancer Specific Drugs and Natural Flavonoids for Therapeutic Intervention of Human Colorectal Cancer
Ph.D. Scholar: Aafrin Mohd. Jafar Ansari
Guide: Dr. Chandramani Pathak
Co-guide: Dr. Mansee Thakur
Subject: Medical Biotechnology
Campus: Navi Mumbai
Committee Suggested:
 - Add cell / colony migration assay to the protocol**Decision: Research Protocol is approved subject to incorporation of the changes as suggested**
5. Therapeutic Potential and Molecular Mechanisms of Synthetic and Novel Phytocompound Based Dipeptidyl Peptidase-4 Inhibitors for Preserving Beta Cell Function in Experimental Prediabetes
Ph.D. Scholar: Ms. Mariya P. Khan
Guide: Dr. Ipseeta Ray
Co-guide: Dr. Ujwala Maheshwari
Subject: Pharmacology
Campus: Navi Mumbai
Committee Suggested:
 - Shorten the title**Decision: Research Protocol is approved subject to incorporation of the changes as suggested**
6. Assessment of Quality of Life (QOL) In Trans-Tibial Amputees Through Prosthetic Service: A Comprehensive Study of Supports Provided by Different Rehabilitation Centre/ Hospitals Across Mumbai
Ph.D. Scholar: Mrs. Deepshika Raut
Guide: Dr. Prasad Waingankar
Subject: Hospital Administration
Campus: Navi Mumbai
Committee Suggested:
 - Specify the study site and mention the same in the methodology
 - Include co-guide from collaborating institute
 - Mention the source, accuracy of Questionnaire for QOL**Decision: Research Protocol is approved subject to incorporation of the changes as suggested**
7. Effect of Select Rare Diseases on Individual and Social Security Services in a Tertiary Care Hospital, Raigad District, Maharashtra
Ph.D. Scholar: Sangeeta D. Choudhary
Guide: Dr. Prasad Waingankar
Subject: Hospital Administration
Campus: Navi Mumbai
Committee Suggested:
 - Include only the rare disease in India and not as per global standard for rare disease
 - Fix the sample size collection period

- In expected outcome mention Social Security Services or Else change the title and include all the disease

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

8. A Situational Analysis of National Programme for Prevention and Control of Non-communicable Diseases (NP-NCD) In Raigad District, Maharashtra

Ph.D. Scholar: Dr. Noopur Kulkarni

Guide: Dr. Prasad Waigankar

Subject: Community Medicine

Campus: Navi Mumbai

Committee Suggested:

- Cite with author and year in Review of Literature
- Provide the permission to collect/use data from Govt. Health Official/ Secretary for the Study
- Properly Define the Area for Data Collection
- Suggested to only include the service provider and not beneficiary as the study becomes too vast.
- As the study involves lot of parameter and data management it should be submitted for extramural funding

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

General Guideline:

Overall observation

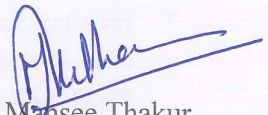
The Chair emphasized that Scholars presenting in absence of their guides will not be allowed to present their work/protocol to the research committee from coming meetings.

Suggested for extramural funding for all projects.

Slides should be improved, having minimal bullet points and concise study plan with recent reference cited in the slide.

VI. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary

Director
MGM School of Biomedical Science
Kamothe, Navi Mumbai



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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/21/2023)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 6th September 2023 at 10.00 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Swati Mahajan : Member
Dr. Mansee Thakur : Member Secretary
Dr. Chandramani Pathak : Director Research
Dr. Rajesh Dase : Member
Dr. Raman P Yadav : Member
Dr. Ipseeta Ray : Member

The following members conveyed their inability to join the meeting:

Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting.

Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 31.08.2023 were read and confirmed.

II. RRC Presentation:

1. Histogenesis of Human Fetal Spleen at Different Gestational Age

Ph.D. Scholar: Dr. Smita Shinde

Guide: Dr. G. A. Shroff

Subject: Anatomy

Campus: Aurangabad

Committee suggested:

- Explore review of literature for international review and research articles
- Use appropriate term for “Medically Terminated”
- Revise inclusion and exclusion criteria
- Provide the novelty of the study
- Clarify Objectives and Rationale of study
- Provide the names of tools for statistical analysis

Decision: Research Protocol to be resubmitted after the incorporation of the changes as suggested

2. Morphometry of Human Fetal Long Bones for Estimation of Gestational Age

Ph.D. Scholar: Dr. Sana Gaffoor Khan

Guide: Dr. G. A. Shroff

Subject: Anatomy

Campus: Aurangabad

Committee suggested:

- Mention the statistical tool and software to be used
- Justify maternal nutrition and if possible, include in study
- Mention the names and Parameters of bones under study

Decision: Research Protocol is approved subject to incorporation of the changes as suggested

III. SAC Presentation:

3. Development and Evaluation of a Competency Based Teaching Module in
Physiotherapy Program: A Mixed Method Design

Ph.D. Scholar: Dr. Siddharth Mishra

Guide: Dr. Mrunal Pimparkar

Co-guide: Dr. Vrushali Panhale

Subject: Health Profession Education

Campus: Navi Mumbai

Committee suggested: NIL

Decision: progress is Satisfactory

4. Student-Centric Collaborative Method of Teaching-Learning for Bachelor of
Physiotherapy (BPT) Graduates

Ph.D. Scholar: Dr. Mamta Shetty

Guide: Dr. Mrunal Pimparkar

Co-guide: Dr. Rajani Mullerpatan

Subject: Health Profession Education

Campus: Navi Mumbai

Committee suggested: NIL

Decision: progress is Satisfactory

5. The Study of PTPN22 Gene Polymorphism and Its Relation in Vitiligo Subjects With and Without Thyroid Disease
Ph.D. Scholar: Apurva Patil
Guide: Dr. Parineeta Samant
Co-guide: Dr. Shylaja Someshwar
Subject: Biochemistry
Campus: Navi Mumbai
Committee suggested:
If possible, study the polymorphism in TSH receptor
Decision: Progress is Satisfactory
6. The Study of GSTT1, GSTM1 and PON2 Gene Polymorphism and Its Relation With Oxidative Stress Markers in Polycystic Ovary Syndrome
Ph.D. Scholar: Mridula Mishra
Guide: Dr. Parineeta Samant
Co-guide: Dr. Shaifali Patil
Subject: Biochemistry
Campus: Navi Mumbai
Committee suggested:
Include p-value of individual test/variable in table
Decision: progress is Satisfactory
7. Association of PNPLA3 Gene Polymorphism in Type 2 Diabetes Mellitus Patients With and Without Non-alcoholic Fatty Liver Disease
Ph.D. Scholar: Preeti Padvi
Guide: Dr. Kavita More
Co-guide: Dr. Sandeep Rai
Subject: Biochemistry
Campus: Navi Mumbai
Committee suggested:
 - Modify the table to show the samples studies so far
 - Use pictorial or graphical data presentation**Decision:** Progress is Satisfactory
8. Clinical and Molecular Assessment of Salivary Matrix Metalloproteinase-8 and Amylase in Healthy and Chronic Periodontitis and Its Inhibition Using Natural Molecules
Ph.D. Scholar: Dr. Bharat Gupta
Guide: Dr. Raman P. Yadav
Co-guide: Dr. Sabita M. Ram
Subject: Medical Biotechnology
Campus: Navi Mumbai
Committee suggested:
 - Remove the patient identification details from the data
 - Use more visually appealing plots
 - No need to change the co-guide**Decision:** Progress is Satisfactory

9. Pharmacological and Technology based interventional studies for Cardiovascular disease risk reduction among patients with type 2 Diabetes Mellitus

Ph.D. Scholar: Mr. Prithviraj Erande

Guide: Dr. Ipseeta Ray

Co-guide: Dr. Sandeep Rai

Subject: Medical Pharmacology

Campus: Navi Mumbai

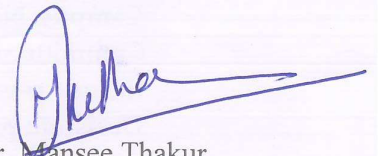
Committee suggested:

- Mention Units in table
- Student can submit synopsis in the next meeting but prior to that there should be acceptance of 2 publications as per Ph.D. norms

Decision: Progress is Satisfactory

VI. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary

Director
MGM School of Biomedical Science
Kamothe, Navi Mumbai



MGM INSTITUTE OF HEALTH SCIENCES

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Grade 'A++' Accredited by NAAC

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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/22/2023) dated 11th Dec 2023

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 11th Dec 2023 at 10.30 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Swati Mahajan : Member
Dr. Mansee Thakur : Member Secretary
Dr. Raman P Yadav : Member
Dr. Ipseeta Ray : Member
Dr. Chandramani Pathak : Director Research

The following members conveyed their inability to join the meeting:

Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Rajesh Dase : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting.
Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 6th Sept 2023 were read and confirmed.

II. Synopsis Presentation

1. Molecular detection of carbapenem resistant organisms from endotracheal secretions of patients with Ventilator associated pneumonia

Ph.D. Scholar: Mrs. Anamika Chalwadi

Guide: Dr. Sharvari Samant

Subject: Medical Microbiology

Campus: MGMIHS, Navi Mumbai

Suggestions:

1. Submission of the PhD thesis within 3 months.
2. Summarization of key findings for result presentation.
3. Investigation of male-female ratio in COVID-19 positive and negative participants.
4. Provide the possible explanation of why male patients were more than female
5. Replace hyphens (-) in the table with "not reported."
6. Addition of references for outcomes related to healthcare professionals.

Remark: Progress found satisfactory. Synopsis approved subject to incorporation of the changes as suggested.

III. Six Monthly Progress Repost

2. Impact of accreditation process in improvement of quality and quality perception of stakeholders in a Tertiary Care Medical college hospital in Raigad district

Ph.D. Scholar: Ms. Madhubala M. Nair

Guide: Dr. Prasad Waingankar

Subject: Hospital Administration

Campus: MGMIHS, Navi Mumbai

Suggestion:

Progress was not found satisfactory. Guide recommendation was also not satisfactory. Committee suggested to improve the performance and discuss with the guide and re-submit the progress report for evaluation in next SAC.

Remark: Progress was not found satisfactory.

3. Cognitive Assessment & Phytopharmacognostic study of Polyherbal formulation using zebrafish & in-silico tools

Ph.D. Scholar: Mr. Shamshad Ather

Guide: Dr. Mansee Thakur

Co-Guide: Dr. Himanshu Gupta

Co-Guide: Dr. Saurabh P. Chatre
Subject: Biotechnology
Campus: MGMIHS, Navi Mumbai

Suggestion:

Work was appreciated but since in-silico will give huge data, present only the relevant data so that outcome can be measured in the form of publication or IPR.

Remark: Progress was found Satisfactory.

4. Study of T Cell Immunomodulation and Stress Biomarkers in Subjects Enrolled for Heartfulness Meditation Program
Ph.D. Scholar: Ms. Sanjana T. Philip
Guide: Dr. Mansee Thakur
Co-Guide: Dr. Nishant Vyas
Subject: Biotechnology
Campus: MGMIHS, Navi Mumbai

Suggestion:

Objective 2 to be modified to include the word 'burnout' instead of emotional wellness and communicate the same with Ethical Committee for information.

Remark: Progress was found Satisfactory

5. Inhibition study of efflux pump by curcumin and nanocurcumin and its potential in rifampicin susceptibility in Mycobacterium tuberculosis
Ph.D. Scholar: Ms. Harshita Mohanty
Guide: Dr. Raman P. Yadav
Subject: Biotechnology
Campus: MGMIHS, Navi Mumbai

Candidate was Absent.

6. Pharmacogenetic and related factors affecting glycemic control and its application for developing Glycemic prediction and Personalized Counselling tool for Type 2 Diabetes Mellitus
Ph.D. Scholar: Dr. Shouvik Ganguly
Guide: Dr. Ipseeta Ray
Subject: Pharmacology
Campus: MGMIHS, Navi Mumbai

Remark: Progress was found Satisfactory

7. Effect of Moringa oleifera supplementation on clinical parameters and T cell associated cytokine levels following non-surgical therapy in subjects with periodontitis: A randomized controlled study
Ph.D. Scholar: Dr. Vineet Kini

Guide: Dr. Ipseeta Ray
Subject: Pharmacology
Campus: MGMIHS, Navi Mumbai

Suggestion:

1. Progress is slow. Regular interaction with guide is recommended.
2. Homogenous population should be considered for both control and study subject.
3. Progress of work was found slow. Committee suggested to speedup the work to achieve the objective as per proposed time line.

Remark: Progress was not up to the mark.

8. A study of pattern of chronic kidney disease of unknown etiology (CKdu) in Marathwada region

Ph.D. Scholar: Dr. Vajed Mogal

Guide: Dr. Shitija Gadekar

Subject: Nephrology

Campus: MGMIHS, Aurangabad

Members Suggested:

1. Progress of work was found slow. Committee suggested to speed up the work to achieve the objective as per proposed time line.
2. Members suggested to present first two objectives rather than directly the third objective.

Remark: Progress was not up to the mark.

9. Antibiotic profile, Biofilm formation and Biofilm associated genes detection in *Stenotrophomonas maltophilia*

Ph.D. Scholar: Mr. Kamlesh Uttam Khule

Guide: Dr. Manjushree Vijay Mulay

Subject: Microbiology

Campus: MGMIHS, Aurangabad

Suggestion:

1. Revise the title as the word "biofilm" is coming twice and communicate the same with Ethical Committee for information.
2. The presentation shown was of RRC and Ethics, instead of SAC presentation. Members suggested to follow the given format for next time.

Remark: Progress was not up to the mark.

10. Study of single nucleotide polymorphisms of Adiponectin and Leptin genes and their association with Gestational Diabetes Mellitus

Ph.D. Scholar: Ms. Arti Prakash Moholkar

Guide: Dr. Dhananjay Bhale

Co-Guide: Dr. Shubhangi Mande

Subject: Medical Biochemistry

Campus: Aurangabad

Candidate was Absent.

11. Assessment of various biomarkers in patients of sepsis admitted in tertiary care center before and after treatment

Ph.D. Scholar: Mrs. Dhanashri Shashikant Patil

Guide: Dr. Dhananjay Bhale

Co-Guide: Dr. Pramod Bhale

Subject: Medical Biochemistry

Campus: Aurangabad


Candidate was Absent.


Special Note for Sr No 8, 9, 10, 11.

- The Research Secretariat had already shared the format for progress report and SAC presentation. So next time onwards they should re-submit in the given format.
- Only one zoom link will be shared in the Aurangabad campus, so that all the PhD scholars can join from the same place instead of joining from respective departments and causing network issues.
- Six monthly progress report is mandatory for all Ph.D. Scholars. They all had submitted the progress report after 1 or 2 years. So, the members informed them to submit it every six months or action will be taken.

IV. Any other matter with the permission of Chair

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


Director Research 15/12/2023


Dr. Mansee Thakur
Member Secretary



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

**Minutes of the Meeting of Scientific Advisory Committee (SAC) for
Providing Seed Money**

(SAC/23/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 14th February 2024 at 10.30 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Padma Shastri : Member
Dr. Raman P. Yadav : Member
Dr. Chandramani Pathak : Director Research

The following members conveyed their inability to join the meeting:

Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Ipseeta Ray : Member
Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Mansee Thakur : Member Secretary

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting.
Agenda of the meeting was taken up.

**I. To review & approve seed money request as Financial Support for
Research work:**

1. **Molecular Detection of Plasmid Encoding Carbapenem Resistant metallo β lactamase (*bla_{NDM1}*) gene from CR-GNBs Isolated from Patient's admitted to a Tertiary Care Hospital**

Ph.D. Scholar: Ms. Aishwarya D. Warang

Guide: Dr. Sharvari A. Samant

Co-Guide: Dr. Sagar Sinha

Subject: Microbiology

Project name: Ph.D. Research Work

Ms. Aishwarya D. Warang presented her research proposal along with her PhD guide Dr. Sharvari A. Samant, Professor, Department of Microbiology, MGM Medical College, Navi Mumbai. Ms. Aishwarya has requested financial support of Rs. 61,202 to achieve the objective 4 "Genotype detection of bla-NDM-1 gene by PCR in carbapenem Resistant GNBs.

Suggestion: Expert scientific members of the committee appreciated the proposal and recommended to provide financial support to generate preliminary data for submission of extra mural funding. PI & Student must ensure to make proposal ready in advance for extramural funding.

Remark: The seed money Rs. 60,000/- may be provided with subsequent approval from the higher authorities of the university

2. **Study of Role of Hepcidin, reduced glutathione and endothelial dysfunction markers in beta thalassemia major patients**

Name of Student: Mr. Sarvesh Angchekar (2nd Year MBBS Student)

Guide: Dr. Rupali S. Pawar

Subject: Biochemistry

Project name: ICMR STS Project Work

Mr. Sarvesh Angchekar (2nd Year MBBS Student) who have been awarded ICMR STS project in 2023; presented research proposal along with Mentor Dr. Dr. Rupali S. Pawar, Assistant Professor, Department of Biochemistry, MGM Medical College, Navi Mumbai. ICMR provides financial support Rs. 50,000/- after submission of the final report to the student. Dr. Dr. Rupali S. Pawar has requested Rs. Rs. 60,000 to conduct research work proposed by the student.

Suggestion:

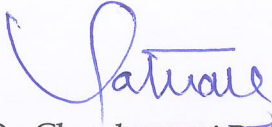
Expert scientific members of the committee appreciated the proposal and recommended to provide financial support to generate preliminary data for submission of extra mural funding. PI must ensure to make proposal ready in advance for extramural funding.

Remark: The seed money Rs. 10,000/- & advance amount Rs. 50,000/- may be provided with subsequent approval from the higher authorities of the university.

The PI make sure to refund the advance amount Rs. 50,000/- after receiving the money from the funding agency.

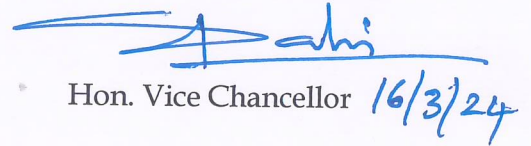
II. Any other matter with the permission of Chair:

Meeting ended with vote of thanks.



Dr. Chandramani Pathak
Director Research

Registrar



Hon. Vice Chancellor 16/3/24



MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A++' Accredited by NAAC

Sector -1, Kamothe, Navi Mumbai – 410 209

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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/23/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 14th February 2024 at 10.30 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Padma Shastry : Member
Dr. Raman P. Yadav : Member
Dr. Chandramani Pathak : Director Research
Dr. Himanshu Gupta : In charge Member Secretary

The following members conveyed their inability to join the meeting:

Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Ipseeta Ray : Member
Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Mansee Thakur : Member Secretary

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 11.12.23 were read and confirmed.

II. Synopsis Presentation:

1. **To study the genetic spectrum of Thalassemia and its Correlation with Phenotype**
Ph.D. Scholar: Ms. Shruti R. Bhowad
Guide: Dr. Parineeta Samant
Co-guide: Dr. Bageshree Seth
Subject: Microbiology

Suggestion:

1. Provide standard normal value in the table for different test
2. Provide translational aspect of your PhD work in the conclusion.

Remark: Progress found satisfactory. Synopsis is approved subject to incorporation of the changes as suggested. Committee suggested to submit the thesis with 3 months.

2. **Inhibition study of efflux pump by curcumin and nanocurcumin and its potential in rifampicin susceptibility in *Mycobacterium tuberculosis***
Ph.D. Scholar: Ms. Harshita Mohanty, Navi Mumbai
Guide: Dr. Raman P. Yadav
Subject: Biotechnology

Suggestion: Nil

Remark: Progress found satisfactory. Synopsis is approved. Committee suggested to submit the thesis with 3 months.

III. RRC Presentation:

3. **To study the association of HbA1C titer, Lipid Profile and S Creatinine on severity of sensorineural hearing loss in patients of type II Diabetes Mellitus**
Ph.D. Scholar: Mr. Swapnil Gosavi, Navi Mumbai
Guide: Dr. Kalpana Rajiv Kumar
Subject: ENT

Suggestion:

1. Include one diabetic Clinician as a Co-guide or collaborator

Remark: Progress found satisfactory. Research Proposal is approved.

IV. Six Monthly Progress Report:

4. **Assessment of various biomarkers in patients of sepsis admitted in tertiary care centre before and after treatment**

Ph.D. Scholar: Mrs. Dhanashri S. Patil, Aurangabad

Guide: Dr. Dhananjay Bhale

Co-Guide: Dr. Pramod Bhale

Subject: Medical Biochemistry

Suggestion:

1. Provide the evidence and clinical parameter or biochemical test to confirm sepsis at ICU patients.

Remark: Research progress was found slow. Expedite the progress.

5. **Study of single nucleotide polymorphisms of Adiponectin and Leptin genes and their association with Gestational Diabetes Mellitus**

Ph.D. Scholar: Ms. Arti P. Moholkar, Aurangabad

Guide: Dr. Dhananjay Bhale

Co-Guide: Dr. Shubhangi Mande

Subject: Medical Biochemistry

Suggestion:

1. Mention the unit in the table/results
2. Increase enrollment of the patients.

Remark: Research progress was found slow. Expedite the progress.

6. **A Study of Trend, Estimation and Determinants of Nutritional Status among Children below age 5 years in India: Analysis of key nutrition indicators based on four National Family Health Survey (NFHS) during 1998 -2021**

Ph.D. Scholar: Mr. Santosh Saruk, Aurangabad

Guide: Dr. Rajesh K. Dase

Subject: Biostatistics – Community Medicine

Suggestion:

1. Guide is relocated, committee suggested to change of the PhD guide.

Remark: Research progress was found slow. Expedite the progress.

7. **Application of Artificial Neural Network for early prediction of Diabetes**

Ph.D. Scholar: Mr. Jagdish Powar, Aurangabad

Guide: Dr. Rajesh K. Dase

Co-Guide: Dr. Deepak Bhosle

Subject: Biostatistics – Community Medicine

Suggestion:

1. No any data was shown the candidate.
2. Guide is relocated, committee suggested to change of the PhD guide.

Remark: Research progress was found slow. Expedite the progress.

8. TB Preventive Therapy uptake and implementation in selected districts of Maharashtra: A mixed method study

Ph.D. Scholar: Dr. Harshad Lande

Guide: Dr. Swati M. Mahajan

Subject: Community Medicine

Suggestion:

1. Provide the table of target and achievement.
2. Guide is relocated, committee suggested to change of the PhD guide.

Remark: Research progress was found satisfactory.

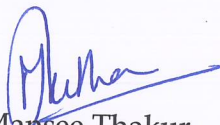
V. Ph.D. Guide Approval: 01

1. Dr. Preeti S. Pachpute

Remark: On the basis of experience and qualification recognition of Ph.D. guide is approved.

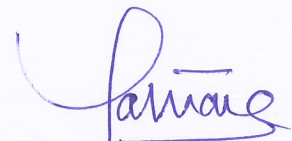
VI. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary

Director
MGM School of Biomedical Sciences
MGM Institute of Health Sciences
Kamothe, Navi Mumbai- 410 209, India



Dr. Chandramani Pathak
Director Research

Director
Research & Development
MGM Institute of Health Sciences
Kamothe, Navi Mumbai-410209, India



MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A++' Accredited by NAAC

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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/24/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 21st March 2024 at 10.30 am at the Conference Room, 3rd floor, MGM Medical college, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale : Chairperson
Dr. Padma Shastry : Member
Dr. Chandramani Pathak : Director Research
Dr. Mansee Thakur : Member Secretary

The following members conveyed their inability to join the meeting:

Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Ipseeta Ray : Member
Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member
Dr. Raman P. Yadav : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 14th February 2024 were presented and confirmed.

II. Six Monthly Progress Report:

1. The Study of PTPN22 gene Polymorphism and its relation in Vitiligo Subjects with & without thyroid disease

Ph.D. Scholar: Ms. Apurva Patil, Navi Mumbai

Guide: Dr. Parineeta Samant

Co-Guide: Dr. Shylaja Someshwar

Subject: Medical Biochemistry

PR SAC: 2

Suggestion:

- Improve presentation skill. Provide graphical representation of the data instead of table for clarity on the work.
- Provide Figure legends as provided in research papers.
- Utilize in-house available facilities over outsourcing, if possible, in order to avoid financial burden on the student.

Remark: Research progress is found satisfactory.

2. The Study of GSTT1, GSTM1 and PON2 Gene Polymorphism and its Relation with Oxidative Stress Markers in Polycystic Ovary Syndrome

Ph.D. Scholar: Ms. Mridula Mishra, Navi Mumbai

Guide: Dr. Parineeta Samant

Co-Guide: Dr. Shaifali Patil

Subject: Medical Biochemistry

PR SAC: 2

Suggestion:

- Carryout sequencing for randomly selected 10 samples.
- Perform correlational studies between controls and treated.
- Improve presentation skill. Provide graphical representation of the data instead of table for clarity on the work.
- Provide Figure legends as provided in research papers.
- Utilize in-house available facilities over outsourcing, if possible, in order to avoid financial burden on the student.

Remark: Research progress is found satisfactory.

3. Development and Evaluation of a Competency Based Teaching Module in Physiotherapy Program: A Mixed Method Design

Ph.D. Scholar: Dr. Siddharth Mishra, Navi Mumbai

Guide: Dr. Mrunal Pimpalkar

Co-Guide: Dr. Urushali Panhale

Subject: Health Profession Education

PR SAC: 2

Suggestion:

1. Progress for publication with the data obtained from objective 1& 2 if possible.

Remark: Research progress is found satisfactory.

4. Study of T-Cell Immunomodulation and Stress Biomarkers in Subjects Enrolled for Heartfulness and Mediation Program

Ph.D. Scholar: Ms. Sanjana Philip, Navi Mumbai

Guide: Dr. Mansee Thakur

Subject: Medical Biotechnology

PR SAC: 3

Suggestion:

1. Ms. Snajana Philip achieved almost 80% of the proposed objectives.
2. Regarding the 4th objective members had given the permission to use ELISA for estimation of any one anti as well as pro – inflammatory marker to do the immunomodulation study.

Remark: Research progress is found satisfactory. Members suggested for synopsis presentation along with 4th SAC progress report and submit the PhD thesis in next 6 months.

5. Cognitive Assessment and Phytopharmacognostic Study of Polyherbal Formulation using Zebrafish & In-silico Tools

Ph.D. Scholar: Mr. Shamshad Ather, Navi Mumbai

Guide: Dr. Mansee Thakur

Co-Guide: Dr. Himanshu Gupta

Subject: Medical Biotechnology

PR SAC: 3

Suggestion: N/A

Remark: Research progress is found satisfactory.

6. Association of *PNPLA3* gene polymorphism in Type 2 diabetes mellitus patients with and without Non-alcoholic fatty liver disease

Ph.D. Scholar: Ms. Preeti Padvi, Navi Mumbai

Guide: Dr. Kavita More

Co-Guide: Dr. Sandeep Rai

Subject: Medical Biochemistry

PR SAC: 4

Suggestion:

- To prefer in-house facilities over outsourcing, if possible, in order to avoid financial burden on the student.
- To use graphical representation of the data instead of table for clarity on the work.
- Improve presentation skills and provide legends of the figures.

Remark: Research progress is found satisfactory.

7. Student-Centric Collaborative Method of Teaching-Learning for Bachelor of Physiotherapy (BPT Graduates)
Ph.D. Scholar: Dr. Mamta Shetty
Guide: Dr. Mrunal Pimpalkar
Co-Guide: Dr. Rajani Mullerpatan
Subject: Health Profession Education
PR SAC: 3

Suggestion:

Members suggested to use graphical method of data representation instead of table for ease of understanding of the committee members.

Remark: Research progress is found satisfactory.

III Revised Ph.D. Proposal for Approval

Title: Association of Clinical & Genetic profile in Down syndrome

Ph.D. Scholar: Dr. Anjali Sabnis

Guide: Dr. Mansee Thakur

Subject: Genetics

Suggestions:

- Proposal lacks the significance and outcomes.
- Members suggested to revise the title of proposal and prepare comprehensive proposal with clear aim of the study with significance of the research within 1 months for doctoral research and resubmit the proposal for evaluation.
- Chairperson suggested to continue you PhD.

Remark: PhD progress is slow.

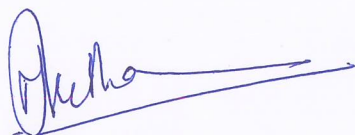
IV Ph.D. Guide Approval: 01

Dr. Reshma Ramakrishanan

Remark: On the basis of experience and qualification recognition of Ph.D. guide is approved.

V. Any other matter with the permission of Chair

Meeting ended with vote of thanks.



Dr. Mansee Thakur
Member Secretary



Dr. Chandramani Pathak
Director Research



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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/25/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 15th April 2024 at 10.30 am at the Conference Hall, VC Secretariat, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Members

Dr. Smita Mahale : Chairperson
Dr. Padma Shastry : Member
Dr. Chaitali Nikam : Member
Dr. Ipseeta Ray : Member
Dr. Mansee Thakur : Member Secretary
Dr. Chandramani Pathak : Director Research

The following members conveyed their inability to join the meeting:

Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Raman P. Yadav: Member
Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 21.03.24 were read and confirmed.

II. Six Monthly Progress Report:

1. Molecular and Cellular Assessment Using Heartfulness Meditation and Yoga as a Preventive Intervention in Hypertension

Ph.D. Scholar: Ms. Pooja Singh, Navi Mumbai

Guide: Dr. Mansee Thakur

Co-Guide: Dr. Mitesh Thakkar

Co-Guide: Dr. Veronique Nicolai

Subject: Medical Biotechnology

PR SAC: 1st

Suggestions:

- 1) Mention Control group as Standard care group.
- 2) Restrict the age group from 35 to 60 years.

Remarks:

Research progress has been found satisfactory.

2. Development and Validation of Aluminium Oxide Nanoparticles (Al_2O_3 Nps) included Zebrafish Model for Cognitive Dysfunction

Ph.D. Scholar: Ms. Sanskruti Thakur, Navi Mumbai

Guide: Dr. Himanshu Gupta

Co-Guide: Dr. Mansee Thakur

Subject: Medical Biotechnology

PR SAC: 1st

Suggestions:

- 1) Read research articles related to Nano-formulations which will aid in publication.

Remarks:

Research progress has been found satisfactory.

3. Effect of Selected Rare Diseases on Individual and Social Security Services in a Tertiary Care Hospital, Raigad District, Maharashtra

Ph.D. Scholar: Ms. Sangeeta Choudhary, Navi Mumbai

Guide: Dr. Prasad Waingankar

Subject: Hospital Administration

PR SAC: 1st

Suggestions:

- 1) Mention Rare disease definition in inclusion criteria.

- 2) Mention correct terminology for hemolytic anemia as per the recent guidelines of Rare diseases.

Remarks:

Research progress has been found satisfactory.

4. Assessment of Quality of Life (QOL) In Trans-tibial Amputees Through Prosthetic Services: A Comprehensive Study of Supports Provided by Different Rehabilitation Centre/ Hospitals across Mumbai

Ph.D. Scholar: Mrs. Deepshikha Raut, Navi Mumbai

Guide: Dr. Prasad Waingankar

Subject: Hospital Administration

PR SAC: 1st

Suggestions:

- 1) Ensure confidentiality of the patients even during presentations.

Remarks:

Research progress has been found satisfactory.

5. Study of the Ocular Health Amongst School Children in the Villages Under Unnat Bharat Abhiyan Villages (UBA) of Raigad District and its Association with Children's BMI

Ph.D. Scholar: Mr. Rohit I Gupta, Navi Mumbai

Guide: Dr. Varshav Gore

Subject: Optometry

PR SAC: 1st

Suggestions:

- 1) Change the term significant as "correlation and association of BMI and ocular deformities" in expected outcome.
2) Samples are to be equally distributed in sub groups.

Remarks:

Research progress has been found satisfactory.

6. Association of Mid-Day Meal Consumption with Nutritional Status among Mid-Day Meal Beneficiaries

Ph.D. Scholar: Mrs. Rashmi Kulkarni, Navi Mumbai

Guide: Dr. Priyanka Pareek

Co-Guide: Dr. Shubhadra Mandalika

Subject: Clinical Nutrition

PR SAC: 1st

Suggestions:

- 1) Instead of novelty put significance of the study.
- 2) Specify the percentage of attendance of the participants in inclusion criteria.

Remarks:

Research progress has been found satisfactory.

7. Development of School-Based Nutrition Education Intervention Program to Prevent Iron Deficiency Anemia Among Adolescent Girls

Ph.D. Scholar: Mrs. Chethana C

Guide: Dr. Priyanka Pareek

Co-Guide: Dr. Poonam Khana

Subject: Clinical Nutrition

PR SAC: 1st

Suggestions:

- 1) Biomarker assessment could be done at MGMIHS.
- 2) Dietary assessment should be done using standardized methods.

Remarks:

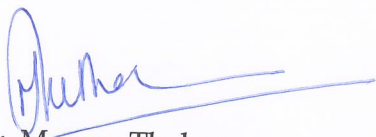
Research progress has been found satisfactory.

III. Ph.D. Guide Approval: 01

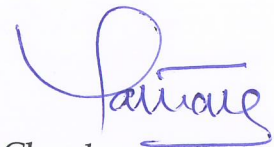
The application of Dr. Deepashri Bhaimangesh Naik for recognition of Ph.D. Guide for Medical Microbiology has not been recommended by Hon. Vice Chancellor due to lack of corresponding author publication in indexed journal.

IV. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary



Dr. Chandramani Pathak
Director Research



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

Grade 'A++' Accredited by NAAC

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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/26/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 16th April 2024 at 10.30 am at the Conference Hall, VC Secretariat, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Members

Dr. Smita Mahale : Chairperson
Dr. Padma Shastry : Member
Dr. Chaitali Nikam : Member
Dr. Ipseeta Ray : Member
Dr. Mansee Thakur : Member Secretary
Dr. Chandramani Pathak : Director Research

The following members conveyed their inability to join the meeting:

Dr. Chander P. Puri : Member
Dr. Deepak S Joshi : Member
Dr. Raman P. Yadav: Member
Dr. Deepak Modi : Member
Dr. Deepak Bhosle : Member
Dr. Suvarna Magar : Member

Director Research welcomed the Members, Guides and Students for the meeting and invited Member Secretary of SAC Committee to start with the agenda.

Member Secretary sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. Six Monthly Progress Report:

1. Dysbiosis in Gut Microbiome of Pulmonary TB Patients and Effect of Antitubercular Drugs on Gut Microbiota Using Genetic Analysis Dysbiosis Test
Ph.D. Scholar: Ms. Debapriya Chakraborty, Navi Mumbai

Guide: Dr. Samir Pachpute
Co-Guide: Dr. P V Potdar
Subject: Medical Microbiology
SAC PR: 1st

Suggestions:

- 1) Demography of patients should be collected and checked.
- 2) Instead of taking 80 pulmonary TB patients, it is suggested to keep 40 patients of newly diagnosed and 40 MDR patients.
- 3) i/o one-month intervention of drug treatment it should be for three months for TB patients.

Remarks:

Research progress has been found satisfactory.

2. A Genetic Analysis Dysbiosis test for Identification and Characterization of Gut Microbiota in Inflammatory Bowel Disease Patients

Ph.D. Scholar: Ms. Sohini Mitra, Navi Mumbai

Guide: Dr. Samir Pachpute

Co-Guide: Dr. Raosaheb Rathod

Subject: Medical Microbiology

SAC PR: 1st

Suggestions:

- 1) Data variation should be very less.
- 2) Remove genetic mapping from the Aim and read literature to reframe either as or genomic analysis or genetic analysis.
- 3) Remove the word "MAP" from objective 2

Remarks:

Research progress has been found satisfactory.

3. Molecular Detection of Plasmid Encoding Carbapenem Resistant Mettalo β lactamase (*bla*_{INDM-1}) gene from CR-GNBs isolated from Patients admitted to a tertiary care hospital

Ph.D. Scholar: Ms. Aishwarya Warang, Navi Mumbai

Guide: Dr. Sharvari Samant

Co-Guide: Dr. Sagar Sinha

Subject: Medical Microbiology

SAC PR: 1st

Suggestions:

- 1) The guide and Student should apply to Antimicrobial stewardship programme at ICMR so that they can apply for extramural funding and avail other benefits

Remarks:

Research progress has been found satisfactory.

4. Therapeutic Potential and Molecular Mechanisms of Synthetic and Novel Phytocompound based Dipeptidyl Peptidase-4 Inhibitors for Preserving beta cell Function in Experimental Prediabetes

Ph.D. Scholar: Ms. Mariya Khan, Navi Mumbai

Guide: Dr. Ipseeta Ray

Co-Guide: Dr. Ujwala Maheshwari

Subject: Pharmacology

SAC PR: 1st

Suggestions:

- 1) Age of Rat should be corrected (4-5 week)
- 2) Put "n=" in each bar diagram.
- 3) Brand name should be reflected in vanaspati ghee and oil.

Remarks:

Research progress has been found satisfactory.

5. A Comparative Study on Different Embalming Solutions on Rats; A Substitute for Formaldehyde in Preservation of Anatomical Specimen

Ph.D. Scholar: Dr. Padmini Shinde, Navi Mumbai

Guide: Dr. Mini Mol

Subject: Anatomy

SAC PR: 1st

Suggestions:

- 1) Mention the grading scale for different fixatives used based on the study parameters.
- 2) Based on the preliminary data of (Group F) Propelenglycol which represented the putrefied group, this group can be discontinued in the further study to reduce number of animals

Remarks:

Research progress has been found satisfactory.

6. Morphometry of Human Fetal Long Bones for Estimation of Gestational Age in Spontaneous Aborted and Preterm Fetus

Ph.D. Scholar: Dr. Sana Khan, Aurangabad

Guide: Dr. Gautam Ajit Shroff

Subject: Anatomy

SAC PR: 1st

Suggestions: Nil

Remarks:

Research progress has been found satisfactory.

7. Morphometrical Study and Histogenesis of Human Fetal Spleen in Spontaneous Aborted & Preterm Fetus

Ph.D. Scholar: Dr. Smita Shinde, Aurangabad

Guide: Dr. Gautam Ajit Shroff

Subject: Anatomy

SAC PR: 1st

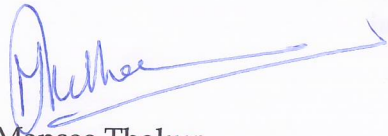
Suggestions: Nil

Remarks:

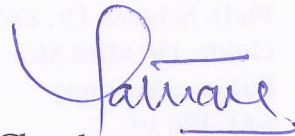
Research progress has been found satisfactory.

II. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary



Dr. Chandramani Pathak
Director Research & Development



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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/27/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 18th June 2024 at 10.00 am at the IQAC Hall, 3rd Floor, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Members:

Dr. Smita Mahale	: Chairperson
Dr. Ipseeta Ray	: Member
Dr. Suvarna Magar	: Member
Dr. Deepali Vaishnav	: Member
Dr. Mansee Thakur	: Member Secretary
Dr. Chandramani Pathak	: Director (Research & Development)

The following members conveyed their inability to join the meeting:

Dr. Deepak Modi	: Member
Dr. Padma Shastry	: Member
Dr. Chaitali Nikam	: Member
Dr. Raman P. Yadav	: Member
Dr. Sagar Sinha	: Member
Dr. Abhay Mahajan	: Member

Director Research welcomed the Members, Guides and Students for the meeting and started with the agenda.

Director Research sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 16.04.24 were read and confirmed.

II. Synopsis Presentation:

1. **Pharmacological and Technology based interventional studies for Cardiovascular disease risk reduction among patients with Type 2 Diabetes Miletus**
Ph.D. Scholar: Mr. Prithiviraj Erande, Navi Mumbai
Guide: Dr. Ipseeta Ray
Co-Guide: Dr. Sandeep Rai
Subject: Medical Pharmacology
Report Type: Synopsis

Suggestions: Members suggested to use the disease control word instead of control word in the data presentation, Comparison of data presentation should be clear with appropriate figure legends.

Remarks: Synopsis Approved.

III. Six Monthly Progress Report Presentations:

2. **Effect of Moringa oleifera supplementation on clinical parameters and T cell associated cytokine levels following non-surgical therapy in subjects with periodontitis: A randomized controlled study**
Ph.D. Scholar: Dr. Vineet Kini, Navi Mumbai
Guide: Dr. Ipseeta Ray
Subject: Medical Pharmacology
SAC Report: 2nd

Suggestions: Members suggested to refine the exclusion criteria

Remarks: Progress was found satisfactory.

3. **Pharmacogenetic and related factors affecting glyceic control and its application for developing Glyceic prediction and Personalized Counselling tool for Type 2 Diabetes Mellitus**
Ph.D. Scholar: Dr. Shouvik Ganguly, Navi Mumbai
Guide: Dr. Ipseeta Ray
Subject: Medical Pharmacology
SAC Report: 2nd

Suggestions: Members suggested to find out the effect of the detected mutation on glycaemic control and related biological pathways. Members also suggested to do the correlation analyses between the mutations to check if they are SNP & what are the probability of co-occurrence.

Remarks: Progress was found satisfactory

4. **Study of expression of Ki67 and its correlation with prognostic markers ER, PR and HeR2**
Ph.D. Scholar: Dr. Meera Mahajan, Aurangabad
Guide: Dr. C.P Bhale
Subject: Pathology
SAC Report: 5th

Suggestions: Members suggested candidate to Add slides of results with statistical analysis and clinical data. The presentation should be crisp and should contain the analysed results.

Remarks: Expedite the progress with comprehensive outcomes.

5. **A study of pattern of chronic kidney disease of unknown etiology (CKdu) in Marathwada region**

Ph.D. Scholar: Dr. Vajed Mogal, Aurangabad

Guide: Dr. Shitija Gadekar

Subject: Nephrology

SAC Report: 3rd

Suggestions: Members suggested to accelerate the progress and student is progressing very slow, Mention the names of ayurvedic medicines and pesticides under the scope and also include actual results of water analysis in the presentation. Progress was found very slow.

Remarks: Expedite the progress with comprehensive outcomes.

IV RRC (Revised Proposal for approval)

Ph.D. Scholar: Dr. Anjali Sabnis, Navi Mumbai

Old Topic: **Association of Clinical & Genetic Profile in Down Syndrome**

New Topic: **Clinical and Genetic Profile Association in Unexplained Intellectual Disability via Whole Exome Sequencing**

Guide: Dr. Mansee Thakur

Co-Guide: Dr. Vijay Kamale

Co-Guide: Dr. Suvarna Magar

Subject: Medical Genetics

Batch: 2022-2023

Suggestions: Committee suggested to include parents in the study for genetic counselling and analysis.

Remarks: Revised PhD research Proposal is approved.

V. Application for Ph.D. Guide:

1. Name of Applicant: Dr. Mini Mol

Ph.D. Subject: Clinical Embryology

Remarks: Approved

2. Name of Applicant: Dr. Shaifali Patil

Ph.D. Subject: Clinical Embryology

Remarks: Approved

VI. Any other matter with the permission of Chair

Regarding the continuation of PhD research work with New research topic proposed on June 2021

1. Ph.D. Scholar: Dr. Jitendra Rathod, Aurangabad
Old Topic: A comparative study of effect of downsized tracheostomy tube with standard size & its impact on tracheal complications in elective ICU tracheostomies

New Topic: A study of Etiopathogenesis, Management and Outcome of Post Covid Mucormycosis Patients

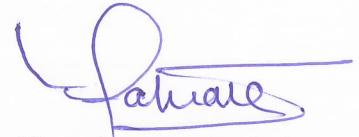
Guide: Dr. Rajendra Bohra

Subject: ENT

Batch: 2019-2020

Remarks: New topic is approved and committee recommended to progress the PhD research. Submit the research protocol in appropriate format.

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



Dr. Chandramani Pathak
Director (Research & Development)

Director
Research & Development
MGM Institute of Health Sciences
Kamothe, Thane Mumbai-410209, India



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Minutes of the Meeting of Scientific Advisory Committee (SAC) for Medical and Biomedical Sciences.

(SAC/28/2024)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 31st August 2024 at 11.00 am at the IQAC Hall, 3rd Floor, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Members:

Dr. Smita Mahale	: Chairperson
Dr. Raman P. Yadav	: Member
Dr. Deepali Vaishnav	: Member
Dr. Suvarna Magar	: Member
Dr. Mansee Thakur	: Member Secretary
Dr. Chandramani Pathak	: Director (Research & Development)

The following members conveyed their inability to join the meeting:

Dr. Deepak Modi	: Member
Dr. Padma Shastry	: Member
Dr. Chaitali Nikam	: Member
Dr. Sagar Sinha	: Member
Dr. Abhay Mahajan	: Member
Dr. Ipseeta Ray	: Member

Director Research welcomed the Members, Guides and Students for the meeting and started with the agenda.

Director Research sort the permission of the Chairperson to begin with the meeting. Agenda of the meeting was taken up.

I. To confirm the previous minutes of the meeting

Minutes of the Meeting of SAC held on 18.06.24 were read and confirmed.

II. Synopsis Presentation:

1. Study of T Cell Immunomodulation and Stress Biomarkers in Subject Enrolled for Heartfulness Meditation Program

Ph.D. Scholar: Ms. Sanjana Philip, Navi Mumbai

Guide: Dr. Mansee Thakur

Subject: Medical Biotechnology

Report Type: Synopsis

Suggestions: Nil

Remarks: Synopsis is approved. Committee suggested to submit PhD thesis within 3 months.

III. Six Monthly Progress Report Presentations:

2. Cognitive Assessment and Phytopharmacognostic Study of Polyherbal Formulation using Zebrafish & In-silico Tools

Ph.D. Scholar: Mr. Shamshad Ather, Navi Mumbai

Guide: Dr. Mansee Thakur

Co-Guide: Dr. Himanshu Gupta

Subject: Medical Biotechnology

SAC Report: 4th

Suggestions: Members appreciated the work and suggested synopsis presentation in the next SAC, as he had fulfilled the criteria.

Remarks: Progress is satisfactory.

3. The Study of PTPN22 gene Polymorphism and its relation in Vitiligo Subjects with & without thyroid disease

Ph.D. Scholar: Ms. Apurva Patil, Navi Mumbai

Guide: Dr. Parineeta Samant

Co-Guide: Dr. Shylaja Someshwar

Subject: Medical Biochemistry

SAC Report: 3rd

Suggestions: 1. Provide an explanation about biochemical pathways involved in PTPN22 gene polymorphism.

2. Provide graphical representation/illustrations for better clarity.

Remarks: Progress is satisfactory.

4. Student-Centric Collaborative Method of Teaching-Learning for Bachelor of Physiotherapy (BPT Graduates)

Ph.D. Scholar: Dr. Mamta Shetty (PT), Navi Mumbai
Guide: Dr. Mrunal Pimparkar
Co-Guide: Dr. Rajani Mullerpatan
Subject: Health Profession Education
SAC Report: 3rd

Suggestions:

1. Perform appropriate statistical analysis and present results accordingly.
2. Add legends in graphs and figures.
3. Increase number of faculty participation in the study.
4. Members suggested to learn statistical analysis software, i.e. SPSS.

Remarks: Progress is satisfactory.

5. Development and Evaluation of a Competency Based Teaching Module in Physiotherapy Program: A Mixed Method Design

Ph.D. Scholar: Dr. Siddharth Mishra, Navi Mumbai
Guide: Dr. Mrunal Pimparkar
Co-Guide: Dr. Vrushali Panhale
Subject: Health Profession Education
SAC Report: 3rd

- Suggestions:**
1. Members suggested the use of proper statistical tools.
 2. Present p-values in the bar diagram.

Remarks: Progress is satisfactory.

6. Antibiotic profile, Biofilm formation and associated genes detection in Stenotrophomonas maltophilia

Ph.D. Scholar: Mr. Kamlesh Khule, Aurangabad
Guide: Dr. Manjushree Mulay
Subject: Medical Microbiology
SAC Report: 3rd

Suggestions:

1. Members suggested the use of proper statistical tools.
2. Provide more clarification on methods.
3. Go through more Reviews of literature.
4. Collect more samples and accelerate work progress.

Remarks: Progress is satisfactory.

7. Assessment of various biomarkers in patients of sepsis admitted in tertiary care center before and after treatment

Ph.D. Scholar: Mrs. Dhanashri Patil, Aurangabad
Guide: Dr. Dhananjay Bhale
Co-Guide: Dr. Pramod Bhale
Subject: Medical Biochemistry
SAC Report: 3rd

Was unable to present due to technical issue. Members suggested to present research progress in the next SAC meeting.

8. Study of single nucleotide polymorphisms of Adiponectin and Leptin genes and their association with Gestational Diabetes Mellitus

Ph.D. Scholar: Mrs. Arti Moholkar, Aurangabad

Guide: Dr. Dhananjay Bhale

Co-Guide: Dr. Pramod Bhale

Subject: Medical Biochemistry

SAC Report: 3rd

Suggestions:

1. Members suggested providing more clarity on the methodology, for example, clearly mention which method would be used for studying polymorphism.
2. Mention S.I. units of measurement for all test parameters.
3. Mention the number of patients analyzed in the table (n-?)
4. Complete sample collection and accelerate work progress.

Remarks: Progress is slow. Re-submit the progress report after addition of suggested changes.

9. A Study of Trend, Estimation and Determinants of Nutritional Status among Children below age 5 years in India: Analysis of key nutrition indicators based on four National Family Health Survey (NFHS) during 1998 -2021

Ph.D. Scholar: Mr. Santosh Saruk, Aurangabad

Guide: Dr. Rajesh Dase

Subject: Biostatistics

SAC Report: 3rd

Suggestions: Data collection and analysis were not appropriate. Accelerate the work progress.

Remarks: Progress is slow and not found satisfactory.

10. Application of Artificial Neural Network for early prediction of Diabetes

Ph.D. Scholar: Mr. Jagdish Powar, Aurangabad

Guide: Dr. Rajesh Dase

Subject: Biostatistics

SAC Report: 3rd

Suggestions:

1. Members suggested using proper statistical analysis to present results.
2. Verify whether the published paper is still index in Scopus.

Remarks: Progress is satisfactory.

11. A Situational analysis of National Programme for Prevention and control of Non-Communicable Diseases (NP-NCD) in Raigad District, Maharashtra

Ph.D. Scholar: Dr Noopur Kulkarni

Guide: Dr. Prasad Waingankar

Subject: Community Medicine

SAC Report: 1st

Suggestions: Members suggested the student and guide to obtain necessary permissions from the concerned authorities, through institutional channels and recommendations. If permissions cannot be obtained within four months, consider changing the research topic.

Remarks: Progress is not satisfactory.

IV. To review & approve seed money request as Financial Support for Research work:

1. To study Gleason's grading of carcinoma prostate in comparison between routine histopathology and AI (Artificial Intelligence) module

Name of Student:	Dr. Abhinav Bhusari (JR1)
Guide:	Dr. Shilpi Sahu
Name of Department/College:	Department of Pathology MGM Medical College, Navi Mumbai

Dr. Abhinav Bhusari (JR1) presented the proposal entitled "To study Gleason's grading of carcinoma prostate in comparison between routine histopathology and AI (Artificial Intelligence) module" and highlighted that comparative study may provide early detection of cancer with the help of AI. The student and guide, both were committed the output of the study in terms of publication in Scopus/WOS/Pubmed indexed journal.

Suggestion: Expert scientific members of the committee appreciated the proposal and recommended to provide financial support to generate preliminary data for submission of extra mural funding. PI & Student must ensure to make proposal ready in advance for extramural funding.

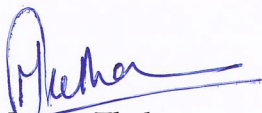
Remarks: The seed money of Rs. 50,000/- recommended with subsequent approval from the Hon. Vice Chancellor.

V. Recognition for Ph.D. Guide:

1. Name of Applicant: Dr. Shrirang Holkar
Ph.D. Subject: Medical Biochemistry
Remarks: Approved
2. Name of Applicant: Dr. B.S. Nagaonkar
Ph.D. Subject: Hospital Administration
Remarks: Approved
3. Name of Applicant: Dr. Pradeep Sarvardekar
Ph.D. Subject: Community Medicine & Hospital Administration
Remarks: Approved
4. Name of Applicant: Dr. Chandramani Pathak
Ph.D. Subject: Molecular Biology
Remarks: Approved
5. Name of Applicant: Dr. Rahul Kadam
Ph.D. Subject: Orthopedics
Remarks: Approved
6. Name of Applicant: Dr. Ashok Ghodke
Ph.D. Subject: Orthopedics
Remarks: UG/PG teaching experience not meeting as per MIGMIHS policy.
7. Name of Applicant: Dr. Anil Khandekar
Ph.D. Subject: Orthopedics
Remarks:
Remarks: Approved

VI. Any other matter with the permission of Chair

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



Dr. Mansee Thakur
Member Secretary,



Dr. Chandramani Pathak
Convener,