



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

Minutes of the Scientific Advisory Committee Meeting of Medical and Biomedical Sciences

SAC/8/2022

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 13th September, 2022 at 10.00 am through virtual platform. The following members had participated in the meeting: P.14

- | | | |
|-----------------------|---|---------------------|
| 1. Dr. Smita Mahale | : | Chairperson |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr. Rajesh Dase | : | Member |
| 4. Dr. Swati Mahajan | : | Member |
| 5. Dr. Raman P Yadav | : | Member |
| 6. Dr. Suvarna Magar | : | Member |
| 7. Dr. Deepak Bhosle | : | Member |
| 8. Dr. Ipseeta Ray | : | Member |
| 9. Dr. Mansee Thakur | : | Member Secretary |
| 10. Dr. Sabita M Ram | : | Director (Research) |

The following members conveyed their inability to join the meeting:

- | | | |
|---------------------|---|--------|
| 1. Dr. Deepak Modi | : | Member |
| 2. Dr. Deepak 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. She appraised the members that this was going to be the first presentation by the PhD students to the SAC/RRC for the topics chosen for the PhD research.

She mentioned that the total number of 12 research proposals will be evaluated in the two days 13.09.2021 (6 Proposals) & 14.09.2021 (6 proposals).

She requested the Chairperson to give her opening remarks.

The Chairperson Dr. Smita Mahale congratulated all the students for taking up the Ph.D. programme.

She assured them that the committee will support them with suggestions and monitor the progress of their research. She further suggested to all students and Guides that the research topic should not be taken up as a mere formality but the topic should be selected taking into consideration the burning issues in healthcare. The studies should have impact and be useful in patient treatment and care as well. The Chairperson also suggested that research papers must be published in high

impact factor and reputed journals in order to satisfy the reputation of A⁺⁺ Accredited of the MGMIHS.

Dr. Puri, emphasized that the students and Guides should apply for funding in the initial phases of research and also insisted that the Guides should enroll the students in the funded projects involving his/her research.

Dr. Puri remarked that since the last few years he has observed that a number of research proposals were related to Diabetes. He suggested that both the campus should work together and formulate a mega project on Diabetes and apply to funding agencies.

After the opening remarks the secretary took up the agenda for discussion.

1. Confirmation of the minutes of the SAC meeting held on 07.07.2022

The minutes were read and confirmed

2. To review and approve the research protocol of PhD students admitted in 2021-22:

The students were instructed to make their presentation as per the agenda, the Guides of the students were also present during the meeting.

I. Title: Pharmacogenetic and related factors affecting glyceimic control and it's application for developing glyceimic prediction tool for personalized counselling in type 2 diabetes mellitus.

PhD Scholar : Mr. Shovik Mandal
Guide Name : Dr. Ipseeta Ray
Subject : Pharmacology

Members suggested:

- The topic does not reflect relevance to the domain. Dental health of the subjects should also be included this will be of relevance to his topic and stream of expertise.
- Clinical significance of the study in the field of Dental science should be included as the student is having expertise in that specific domain.
- Title needs to be modified and terms like It's in the title should be avoided.
- Detailed methodology for the study design should be written.
- The research proposal needs to be modified with incorporation of the suggestions and resubmit and present in SAC for the approval.

II. Title: Newborn screening for congenital adrenal hyperplasia, biotinidase deficiency, cystic fibrosis and maple syrup urine diseases in Aurangabad.

PhD Scholar : Ms. Dhanashri Patil:
Guide Name : Dr. Dhananjay Bhale
Subject : Biochemistry

Members suggested:

- Highlight the novelty and clinical significance of the study.
- Student need to check the feasibility of the study **if required the topic can be changed.**
- The sample size should be modified as it is rare disease
- as population-based studies on the rare diseases is difficult, it needs huge number of samplings which is not feasible for the PhD student. Rare diseases in single hospital setup is difficult.

Common disorders after discussion with the gynecologist and pediatricians in your region can be taken up.

- e. Budget should be elaborated properly as per the format given for presentation.
- f. **The research proposal needs to be modified with incorporation of the suggestions and resubmit and present in SAC for the approval.**

III. Title: Stenotrophomonas maltophilia- it's antibiotic resistance biofilm formation and detection of biofilm associated genes from clinical isolates.

PhD Scholar : Dr. Kamlesh Khule
Guide Name : Dr. Manjushree Mulay
Subject : Microbiology

Members suggested

- a. Title should be modified remove word "it's" from the title
- b. Highlight and consider the safety aspects of handling of the multidrug resistant microorganisms
- c. Modify the aim of the study, timeline and budget of the study.
- d. Student should not to put so much words in one slide only main points should be listed in the presentation
- e. **Student to resubmit the proposal incorporating the suggestions and present the same in the front of next SAC meeting**

IV. Title: A study of pattern of chronic kidney disease of unknown etiology (CKDu) in Marathwada region.

PhD Scholar: Dr. Mogal Vajed
Guide Name : Dr.Kshitija Gadekar
Subject : Nephrology

Members suggested.

- a. The title of the study needs to be modified.
- b. The timeline of the project needs to be changed
- c. Analysis of industrial effluent analysis as well should be included.
- d. The mechanism of sampling should be mentioned which should include the depth of water sampling in well, boar well or water reservoirs.
- e. The sampling should be done as per the location of work.
- f. Modification of the following is required
 - i. The sample size
 - ii. Inclusion and exclusion criteria
 - iii. Modify the case record form according to specific needs of the study
 - iv. Sampling season should be defined as the rainy season can dilute the Samples
 - v. Filtration of water should also be considered as many people use RO Filters for water consumption
 - vi. Suggested to look for environmental factors responsible for the selected study.
- g. Not to put too much words in the presentation. To improve the referencing pattern on the slides.
- h. **Student to resubmit the proposal incorporating the suggestions and present the same in the front of next SAC meeting**

V. Title: TB preventive therapy uptake and implementation in selected districts of

Maharashtra: A Mixed method study.

PhD Scholar: Dr. Harshad Lande
Guide Name : Dr. S.M. Mahajan
Subject : Community Medicine

Members suggested:

- a. The title needs modification, short forms not to be used in the title.
- b. The Methodology need to be modified to a great extent
- c. Present the Purpose and novelty of the study.
- d. **Student to resubmit the proposal incorporating the suggestions and present again in the next SAC.**

As there was a technical issue Ms Arti Moholkar was asked to present on the 14th Sept 2022

The meeting ended with thanks to the Chair and members of the SAC and all present for the meeting.

The SAC meeting continued on the 14th Sept to review the Research Projects for the remaining seven students.

The meeting started by welcoming the committee members, guides and students, by member secretary. She also took permission from chair to start the first presentation of the day

IV. Title: Study of single nucleotide polymorphisms of adiponectin and leptin genes and their association with in gestational diabetes mellitus.

PhD Scholar : Arti Moholkar:
Guide Name : Dr. Dhananjay Bhale
Subject : Biochemistry

Members suggested

- a. To modify the typo errors in age in sample selection as it is written as 95 age in presentation.
- b. Include the guidelines for conducting the GTT test in every pregnant woman in order to justify the conduction of test in every volunteer enrolled in the study.
- c. Include the separate point for study of single nucleotide polymorphism of Adiponectin and leptin by PCR assay as candidate has merge the point by mentioning the estimation of Adiponectin and leptin which means only serum levels will be assessed so in order to avoid the confusion include the separate point for SNP identification.
- d. Conduct are proper literature search and look for recent publications.
- e. Identification of Genes by the student has been done, she should have basic knowledge of SNPs and their changes at amino acid level. She should justify the specific reason to select the said genes and also suggested to provide detailed methodology for the study design.
- f. Co-guide from Gynecology background should be added to get input for the research.
- g. **Student to resubmit the proposal incorporating the suggestions and present the same in the next SAC Meeting**

VII. Title: Cognitive Assessment & Phytopharmacogenostic study of Polyherbalformulation using zebra fish & in-silico tools.

PhD Scholar : Shamshad Ather:
Guide Name : Dr. ManseeThakur
Subject : Biotechnology

Members suggested

- a. To modify the objectives. Objective 1 & 2 should be clubbed as objective 1.
- b. To add co-guide from Ayurvedic background so that he/she can guide in the specific field as student is going to use the Ayurveda formulation for enhancement of cognitive impairment
- c. **Topic was approved subject to the said changes.**

VIII. Title: Impact of Accreditation Process in Improvement of Quality and Quality Perception of Stakeholders in a Tertiary Care Medical College Hospital in Raigad District.

PhD Scholar : Madhubala Nair:
Guide Name : Dr. Prasad Waingankar
Subject : Hospital Administration

Members suggested

- a. Modify the timeline of the study
- b. Sample selection should be modified
- c. The questionnaire should include impact of covid 19 on mental health
- d. **The topic was approved subject to said changes.**

IX. Title: Think-Pair-Share, Jigsaw and Fishbowl as Innovative Collaborative methods of Teaching-learning for Bachelor of Physiotherapy (BPT) graduates.

PhD Scholar : Mamata Shetty:
Guide Name : Dr. Mrunal Pimparkar
Subject : Health Profession Education

Members suggested

- a. Title should be reworked no methods should be reflected in the titles.
- b. Mention the year of publication in the Review of literature.
- c. Incorporating the national education policy in the study.
- d. Include on co-guide from physiotherapy background as a subject expert.
- e. **Student to resubmit the proposal incorporating the suggestions and present the same in the next SAC Meeting**

X. Title: Development and contribution of competency based education in physiotherapy program: mixed method design

PhD Scholar : Siddharth Mishra
Guide Name : Dr. Mrunal Pimparkar
Subject : Health Profession Education

Members suggested

- a. Include on a co-guide from physiotherapy background as a subject expert
- b. Modify the methodology and the study design.

- c. Student to resubmit the proposal incorporating the suggestions and present the same in the next SAC Meeting

XI. Title: 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.

PhD Scholar : Santosh Saruk:
Guide Name : Dr. Rajesh Dase
Subject : Biostatistics

Members suggested

- Collect the data from different resources, refine the data and design of the study according to the data from different phases
- To meet the statistical expert for suggestions on the sample and data to be collected.
- Student to resubmit the proposal incorporating the suggestions and present the same in the next SAC Meeting

XII. Title: Application of artificial neural network for prediction of diabetes at early stage.

PhD Scholar : Jagdish Pawar:
Guide Name : Dr. Rajesh Dase
Subject : Biostatistics

Members suggested

- To define the range of factor
- To modify the review of literature
- To emphasize on necessity of the study.
- Student to resubmit the proposal incorporating the suggestions and present the same in the next SAC Meeting.

The Chairperson brought to the notice of that some of the topics presented in the SAC have no subject experts in the committee, hence suggested to have subject experts as invitee for that particular meeting or send the proposals for review from external or internal subject expert.

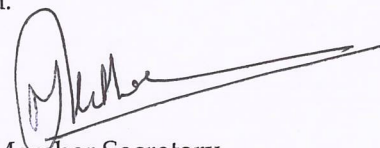
Research Director emphasized that PhD students whether full time of Part time must be physically present with their Guides in their respective Departments/Institutes where they are pursuing the PhD program during their presentations. No remote presentation will be accepted. No presentation on the mobiles will be allowed.

3. Approval of PhD Guides

Two proposals for approving Faculty in Nursing as PhD Guides was put up for approval and both the Faculty Members Dr. Padmaja P Dhawale and Dr. Sindhu Thomas in Nursing were approved as PhD Guides.

As there was no other matter. Member Secretary thanked all members of the SAC for their guidance and suggestions.

The meeting ended with a special thanks to the Chair person.



Member Secretary
•Director

**MGM School of Biomedical Science
Kamothe, Navi Mumbai**

Dr. Mansee Thakur



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

(SAC/12/2022)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 23rd Nov 2022 at 10.00 am at the Conference Room, MGM Institute of Health Sciences, Navi Mumbai.

The following members had participated in the meeting:

Name of the Member

Dr. Smita Mahale	: Chairperson
Dr. Deepak Modi	: Member
Dr. Deepak Bhosle	: Member
Dr. Suvarna Magar	: Member
Dr. Raman P Yadav	: Member
Dr. Ipseeta Ray	: Member
Dr. Swati Mahajan	: Member
Dr. Rajesh Dase	: Member
Dr. Mansee Thakur	: Member Secretary
Dr. Sabita M. Ram	: Director Research
Dr. Chandramani Pathak	: Observer

The following members conveyed their inability to join the meeting:

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 review the Synopsis of five Ph.D. Students:

1. Anti-adhesive Activity of Biosurfactants Against Biofilm Producing Organisms Found in Medical Devices

Ph.D. Scholar: Ms. Pooja Vishwakarma

Guide: Dr. Sharvari Samant

Subject: Medical Microbiology

Members suggested to:

- The work presented by the student is impressive but the student needs to work on the last objective which is incomplete.
- The members were satisfactory with presented work and **approved the PhD Synopsis for submission** of the PhD thesis during upcoming months subject to completion of last objective before submission of the thesis.

2. To Study the Antibacterial Activity of Produced by Probiotic Bacteria on Drug Resistant Intestinal Pathogens- In Vitro Study

Ph.D. Scholar: Ms. Akanksha Chauhan

Guide: Dr. Sharvari Samant

Subject: Medical Microbiology

Members suggested to:

- Perform comparative MIC of obtained Bacteriocin with commercially available quinchin
- Assay performed should be with positive control
- Units should be mentioned in mass/mole/ nanogm etc.
- Statistical tools should be rechecked
- Novelty of the study will be enhanced by providing the quantitative data.
- Characterization & Confirmation of probiotic bacteria using microbiological techniques or molecular
- Use the gold standard probiotic test to define the study.

Synopsis needs to be revised with incorporation of the suggestion and resubmit for approval.

3. To Study the Maternal Colonization of Group B Streptococcus and Enterococcus and Their Association with Preterm Deliveries and Preeclampsia

Ph.D. Scholar: Mr. Abhishek Singh

Guide: Dr. A.D. Urhekar

Co-guide: Dr. Deepak Modi

Subject: Medical Microbiology

Members suggested to:

- Mention the (N), Confidence Interval and range in Preterm Incidence Table
- The members were satisfactory with presented work and approved the PhD Synopsis for submission of the PhD thesis during upcoming months. The chair also suggested to magnify the future prospective of the research after completion of the thesis as well.

The members were satisfactory with presented work and **approved the PhD Synopsis** for submission of the PhD thesis during upcoming months.

4. To Study Phenotypic Characteristics of Different Types of Diabetes in the Young and Genetic Characterization of Monogenic Diabetes (MODY)

Ph.D. Scholar: Ms. Neha More

Guide: Dr. Parineeta Samant

Co-guide: Dr. Sandeep Rai

Subject: Medical Biochemistry

Members suggested

- Define the cut-off range of insulin for each group of Diabetes
- The members appreciated the outcome of her work which was carried out in collaboration with clinicians. This thesis can be followed up after submission in order to reach the other outcomes in terms of policy making for better patient management.

The members were satisfactory with presented work and **approved the PhD Synopsis** for submission of the PhD thesis during upcoming months.

II. To review the publication and approve Synopsis of Ph.D. Students for Submission of thesis: 01 Students

1. Isolation of Plant Derived Reflux Pump Inhibitor and Its Drug Susceptibility Potential in Plasmodium Falciparum

Ph.D. Scholar: Ms. Chandana Kulkarni

Guide: Dr. Raman Yadav

Subject: Medical Biotechnology

Student has submitted 2 paper in indexed journal as per the MGMIHS criteria for submission of PhD thesis. The members have **approved the PhD Synopsis** for submission of the PhD thesis during upcoming months.

III. To review six-monthly progress report of five Students:

1. Molecular Detection of Carbapenem Resistant Organisms from Endotracheal Secretions of Patients with Ventilator Associated Pneumonia

Ph.D. Scholar: Ms. Anamika M. Chalwadi

Guide: Dr. Sharvari Samant

Subject: Medical Microbiology

Members suggested

- Mention the DNA isolation kit used for clinical isolate and clinical samples

Members were **satisfied** with the work presented and suggested student to keep the focus on publication as well.

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

Guide: Dr. Raman Yadav

Subject: Molecular Biology

Members suggested

1. Chairperson suggested to maintain the uniformity in the whole presentation.
2. Remove the name of organism from first objective and keep the scope broad.
2. Proceed with the NC-1 showing better results
3. Directly proceed with in-vitro trial on MTB

Members were **satisfied** with the work.

3. 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: Medical Biochemistry

Members suggested

- Characterize the sample based on current trends i.e. 4 groups.

Members were **satisfied** with the work presented.

4. 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

Members Suggested

- No Suggestion were given by Members.

Members were **satisfied** with the work presented. Suggested student to keep the focus on publication as well.

5. 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

Guide: Dr. Kavita More

Co-guide: Dr. Sandeep Rai

Subject: Medical Biochemistry

Members Suggested

- Find the relation between the NFLD and the Sex of the Participants
- Redo the Graph and statistical analysis needs to be relooked.

Members were **satisfied** with the work presented.

IV. Any other matter with the permission of Chair

Chairperson appreciated the quality of the work presented by the students. Madam also appreciated the involvement of clinicians to bring about interdisciplinary research which in future will be able to provide the outcomes in terms of policy making for better patient management.

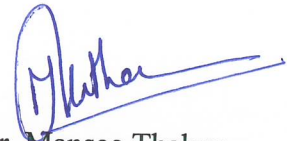
Madam suggested that during the PhD orientation program there should be lectures on meta-analysis by external lecturers/faculty.

Students should present publications only related to their PhD topic. Publications from other domains will not be considered.

Chair and Members suggested to conduct a workshop on Research Ethics and Scientific Communication as well as on common statistical errors and how to identify and avoid predatory journals.

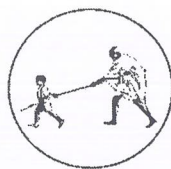
Chair also suggested that the in-house biostatistician should be as an observer in all the SAC meetings and the students should use PRISM and GraphPad for better representation of their research work. It was brought to the notice that the university does not have these software, and so the chairperson suggest to have either of the two for students benefit.

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

(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/14/2022) dated 29th April 2023

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 29th April 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. Deepak Modi	: Member
Dr. Deepak Bhosle	: Member
Dr. Suvarna Magar	: Member
Dr. Swati Mahajan	: 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. Ipseeta Ray	: 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 23.11.22 were read and confirmed.

II. Synopsis Presentation:

1. Study of role of yoga and modified diet on General Well-being in patients with Thalassemia major
Ph.D. Student: **Ms. Hitali Mali**
Guide: Dr. Yashoda Kattimani

Comments:

- 1) To add control group to determine the BMD
- 2) To perform the protocol in triplicate
- 3) To provide the statistical analysis along with SEM and error bar in the graphs in all the figures and legends where required.
- 4) Members suggested publish the work in Scopus indexed journal.

Recommendation: The members were satisfied with presented work and approved the PhD Synopsis for submission of the PhD thesis after incorporation of appropriate changes.

2. Efficacy of topical curcumin in combination with topical steroid on clinical symptoms and on salivary levels of TNF-alpha and TIMP-1 in clinically diagnosed stage I and stage II oral Sub Mucous Fibrosis- A randomized Clinical Trial.
Ph.D. Student: **Dr. Neha Patil**
Guide: Dr. P. N. Khandelwal
Co-guide: Dr. Shilpa Patel

Comments:

To provide the statistical analysis along with SEM and error bar in the graphs in all the figures and legends where required.

Recommendation: The members appreciate the work and approved the synopsis for submission of the PhD thesis after incorporation of appropriate changes. Student needs to work on the statistical data analysis very carefully along with the statistician.

III. Six Monthly Progress Report:

3. Cognitive assessment and Phytopharmacognostic study of Polyherbal formulation using Zebrafish and in-silico tools
Ph.D. Student: **Mr. Shamshad Ather**
Guide: Dr. Mansee Thakur
Co-guide: Dr. Saurabh Chatter, Dr. Himanshu Gupta

Comments:

- 1) To find out the unit of components in Polyherbal Formulation.
- 2) To incorporate the complete protocol for polyherbal formulation
- 3) To incorporate one more objective to perform anti-oxidant assay of Polyherbal Formulation

Recommendation: Members were satisfied with the work progress.

4. Study of T Cell Immunomodulation and stress Biomarkers in subjects enrolled for Heartfulness Meditation Program
Ph.D. Student: **Ms. Sanjana T. Philip**
Guide: Dr. Mansee Thakur
Co-Guide: Dr. Nishant Vyas

Comments: Satisfactory

Recommendation: Members appreciated the work presented by the student and suggested to apply for CSIR SRF

IV. Recognition of Ph.D. Guide:

Following regular faculties of MGMIHS had applied for recognized PhD guide in above disciplines.

1. Dr. Pradeep Jadhav, MD (Pharmacology)
2. Dr. Savitri Mandavi, PhD (Pharmacology)
3. Dr. Snigdha Mishra, MD (Pharmacology)
4. Dr. Himanshu Gupta (Medical Biotechnology)

Director research, MGMIHS presented the application and eligibility details of all the candidates to the SAC for PhD Guide recognition. Committee reviewed the application and found all candidate meet the criteria for recognition of PhD guide as per MGMIHS PhD ordinance.

Recommendation: - SAC approved the recognition of PhD guide

V. Change of PhD guide for 3 PhD students

1. Ms. Elizabeth Talker (Medical Biotechnology)
2. Ms. Jaya Chitra Aadhi (Medical Biotechnology)
3. Ms. Sanskruti Thakur (Medical Biotechnology)

Director research, MGMIHS presented the agenda for change of the PhD Guide for 3 students (Ms. Elizabeth Talker & Ms Jaya Chitra Aadhi as a part time PhD

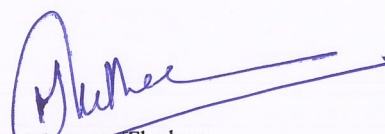
students under the collaboration and co guidance of Dr. Sudeep Gupta, ACTREC, Navi Mumbai and Sanskruti Thakur as a full time at MGMIHS) were registered from the academic year 2022 under the PhD guide Dr. Mansee Thakur, MGM SBS, MGMIHS, Navi Mumbai. Guide and students had no objection to change the guide. The students have also confirmed the acceptance for change of the guide as a full time PhD students (Ms. Elizabeth Talker & Ms Jaya Chitra Aadhi).

SN	Name of Student	Existing guide	Newly appointed Guide
1	Elizabeth Talker (Medical Biotechnology)	Dr. Mansee Thakur Dr. Sudeep Gupta, (Co- Guide)	Dr. Chandramani Pathak (Guide) Dr. Mansee Thakur (Co-Guide) Dr. Sudeep Gupta, (Co-Guide)
2	Jaya Chitra Aadhi (Medical Biotechnology)	Dr. Mansee Thakur Dr. Sudeep Gupta, (Co- Guide)	Dr. Chandramani Pathak (Guide) Dr. Mansee Thakur (Co-Guide) Dr. Sudeep Gupta, (Co-Guide)
3	Sanskruti Thakur (Medical Biotechnology)	Dr. Mansee Thakur	Dr. Himanshu Gupta (Guide) Dr. Mansee Thakur (Co-Guide)

Recommendation - SAC approved the request for change of the PhD guides for the above 3 students with subsequent approval from the head of institution, MGMIHS.

VI. Any other matter with the permission of Chair: Nil

Meeting ended with vote of thanks by member secretary at 1.30 PM 29th April 2023.


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/19/2023)

The Meeting of the SAC for Medical and Biomedical Sciences MGM Institute of Health Sciences, Navi Mumbai was held on 31st August 2023 at 10.00 am at the IQAC Meeting Hall, MGM Institute of Health Sciences, Navi Mumbai.

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 29.04.23 were read and confirmed.

II. RRC Presentation:

1. Genetic Evaluation of Ventricular Septal Defect in Children of Pediatric Age

Ph.D. Scholar: Dr. Anjali Sabnis

Guide: Self-guide

Co-guide: Dr. Snehal Kulkarni

Co-guide: Dr. Radha Joshi

Co-guide: Dr. V. Babu Rao

Subject: Medical Genetics

Campus: Navi Mumbai

Committee Suggested:

- Chairperson emphasized to appoint inhouse guide for Ph.D. and self-guide is not a good practice.
- Justify the novelty of study
- More refined protocol is required
- Modify title to represent the population under study
- NOC of the collaborator / co-guide to be taken

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

2. Ocular Morbidity Profile and Ocular Care Service Barriers Among School Going Children in Rural and Tribal Areas of Maharashtra

Ph.D. Scholar: Rohit I Gupta

Guide: Dr. Varshav Gore

Subject: Optometry

Campus: Navi Mumbai

Committee Suggested:

- Validate the questionnaire to be used, with relevant population sample
- Take up a co-guide from PSM department
- Include the Socio-demographic data to justify your protocol novelty
- Modify title
- Define the inclusion and exclusion criteria as per ocular morbidities

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

3. Assessment of Psychological and Biochemical Parameters: Effect of Heartfulness Yoga and Meditation in Mental Health

Ph.D. Scholar: Mr. Subodh Rahate

Guide: Dr. Mansee Thakur

Co-guide: Dr. Shubhangi Dere

Co-guide: Dr. Veronique Nicolai

Subject: Medical Biotechnology

Campus: Navi Mumbai

Committee Suggested:

- Rework on the inclusion and exclusion criteria
- Focus the study on one particular age group (preferable 18-35)

- Add justification for Sample Size

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

4. Dysbiosis in Gut Microbiome of TB Patients and Effect of Antitubercular Drugs on Gut Microbiota Using Genetic Analysis Dysbiosis Test

Ph.D. Scholar: Debapriya Chakraborty

Guide: Dr. Samir Pachpute

Subject: Microbiology

Campus: Navi Mumbai

Committee Suggested:

- Title should be designed to represent the type of disease being covered in study i.e., pulmonary
- Modify inclusion criteria to include freshly diagnosed cases not treated previously.
- Define Control parameters
- Plan of subgroup analysis based on the regime should be involved in the methodology
- Suggested to include a co-guide from surgery or gastroenterology dept.

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

5. Unraveling the Gut Microbiome: A Genetic Analysis Dysbiosis Test for Identification and Characterization of Gut Microbiota in Inflammatory Bowel Disease Patients

Ph.D. Scholar: Sohini Sujit Mitra

Guide: Dr. Samir Pachpute

Subject: Microbiology

Campus: Navi Mumbai

Committee Suggested:

- Modify expected outcome as per the protocol
- Remove secondary objectives
- Suggested to include a co-guide from clinical dept.

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

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

Ph.D. Scholar: Ms. Pooja Singh

Guide: Dr. Mansee Thakur

Co-guide: Dr. Mitesh Thakkar

Co-guide: Dr. Veronique Nicolai

Subject: Medical Biotechnology

Campus: Navi Mumbai

Committee appreciated the proposal; **Decision: Research Protocol is approved.**

7. Development of Comprehensive Nutrition Intervention Package for Prevention and Control of Anemia Among Adolescent Girls

Ph.D. Scholar: Chethana C

Guide: Dr. Priyanka Pareekh

Co-guide: Dr. Poonam Khanna

Subject: Clinical Nutrition

Campus: Navi Mumbai

Committee Suggested:

- Revise the title
- Modify inclusion criteria (Add Hemoglobin level in inclusion criteria)
- Modify the Study Design with clear methodology
- Suggested to go with 2 groups i.e., Group I – Iron and Folic Acid supplementation without NIP, Group II – Iron, Folic Acid supplementation with NIP

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

8. Association of Mid-Day Meal Consumption With Nutritional Status, and Micronutrient Deficiencies in Mid-Day Meal Beneficiaries

Ph.D. Scholar: Rashmi Kulkarni

Guide: Dr. Priyanka Pareekh

Co-guide: Dr. Subhadra Mandalika

Subject: Clinical Nutrition

Campus: Navi Mumbai

Committee Suggested:

- Add justification for Sample Size
- Add justification for 30% sub sampling for biochemical studies

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

General Guideline:

The Chair's suggestion to Scholars and Guides – Conduct seminar's regularly on the topics related to research scholars' work.

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.

III. Ph.D. Guide Approval: 01

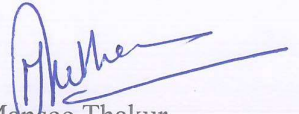
1. Dr. Madhvi Mankar was recognized as a Ph.D. Guide in Community Medicine, Health Profession Education, and Hospital Administration.

IV. Ph.D. Co- Guide Approval: 04

Chairperson suggested that co-guide recognition from SAC is not required. It may be screened by internal committee under R&D Cell

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