



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 for Medical and Biomedical Sciences

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 28th January, 2022 at 10.00 am through virtual platform. The following members had participated in the meeting:

- | | | |
|-----------------------|---|---------------------|
| 1. Dr. Smita Mahale | : | Chairperson |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr. R S Inamdar | : | Member |
| 4. Dr. Swati Mahajan | : | Member |
| 5. Dr. Sabita M Ram | : | Director (Research) |
| 6. Dr. Mansee Thakur | : | Member Secretary |

The following members conveyed their inability to join the meeting:

- | | | |
|----------------------|---|--------|
| 1. Dr. Deepak Modi | : | Member |
| 2. Dr. Raman P Yadav | : | Member |
| 3. Dr. Ipeeta Ray | : | Member |
| 4. Dr. Rajesh Dase | : | Member |

The meeting started with welcome to Chairperson and all Members of SAC by Director (Research) and asked Member Secretary to continue with the Agenda.

Chairperson has few suggestion during the meeting, that few lectures for publishing research articles in journals can be taken up by NIRRH faculty.

She pointed out that the students should present their progress report only after it has been critically assessed by the Guide.

She further suggested that all enrolled PhD student including the scheduled PhD student presenting their progress report, should attend every SAC meeting of Medical and Biomedical Science in order to improve their presentation skills.

It was suggested that PhD Students prior to selecting the topic of Research should carry out an electronic search to clear that their topic is original and not done before.

I] To confirm the minutes of the meeting held on 09.09.2021:

The Minutes of the meeting held on 09.09.2021 were read and confirmed.

II] To approve the PhD Research Topic of Student Batch 2020:

A] **Title:** The Study of GSTT1, GSTM1 and PON2 Gene Polymorphism and its relation with Oxidative Stress Markers in Polycystic Ovary Syndrome

PhD Student : Mridula Mishra
Guide : Dr. Parineeta Samant
Subject : Biochemistry

- Members had noted the bias in the sample selection of PCOS, hence suggested that as and when the samples of PCOS are received they should be segregated into lean as well as obese volunteers in both control and PCOS to nullify the bias.
- To mention the exact site or location of polymorphism and recent references in the form of table in the methodology as the current proposal is lacking the information regarding the cause of polymorphism.
- To look for the precise objectives which needs to be achieved in place of general objectives.
- The time of sample collection and testing for LH & FSH hormones should be clearly mentioned in the methodology section.
- To highlight the importance of the study to be performed in the Indian settings in expected outcomes section.

Research protocol was approved subject to incorporating the suggestions by the committee.

III] To review the Six Monthly Progress of PhD Research Projects 06 PhD Students:

1] **Title:** Assess the effect of visceral fat on Autonomic and Cognitive Functions in Normotensives and Prehypertensives

PhD Student : Farahanaz Baman Irani
Guide : Dr. Sangita Phatale)
Subject : Pathology

- Members suggested to include the recommendations given by the previous meeting and action taken report.
- To summarize the key findings of the topic instead of presentation of the table of the observations.
- To incorporate the detailed information about the publication instead of only title of the publication, the student should add information about the author of the paper, journal name, title, publication date, volume no and page no etc
- To include the publication related to present PhD Topic.
- To look for change in title from “asses to assessment” by intimating to Ethical Committee in written so that ethical committee can suggest to change the title or keep it intact.

2] Title: To study the genetic spectrum of Thalassemia and its correlation with phenotype

PhD Student : **Shruti Bhowad**
Guide : **Dr. Parineeta Samant**
Subject : **Biochemistry**

- Members suggested to include the sample size number (n=.....) while presenting the tables of the statistical analysis
- The candidate has to focus on publication of the data as well.

Progress of the study is satisfactory.

3] Title: Study of role of yoga and modified diet on general well-being in patients with Thalassemia major

PhD Student : **Hitali Mali**
Guide : **Dr. R S Inamdar**
Subject : **Physiology**

- Members suggested to use the word significant and not the significance while presenting the data.
- Not to denote the numbers over the histogram bars while presenting the data.

Progress of the study is satisfactory.

4] Title: Molecular detection of carbapenem resistant organisms from endotracheal secretions of patients with ventilator associated pneumonia

PhD Student : **Anamika Chalwadi**
Guide : **Dr. S A Samant**
Subject : **Microbiology**

Progress of the study is satisfactory.

5] Title: To study the antibacterial activity of bacteriocin produced by probiotic bacteria on drug resistant intestinal pathogen-An in vitro study

PhD Student : **Akanksha Chauhan**
Guide : **Dr. S A Samant**
Subject : **Microbiology**

- Members suggested to use the legends for the figures while presenting the data Members suggested to show the quantitative data for the analyzed samples on HPLC with the standard samples in order to confirm the results.

- To include other methods of the characterization for getting the confirmatory results.

Overall progress of the study is satisfactory.

6] **Title:** Anti-adhesive activity of biosurfactants against biofilm producing organisms found in medical devices

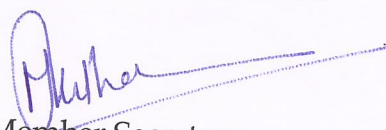
PhD Student : Pooja Vishwakarma
Guide : Dr. S A Samant
Subject : Microbiology

- Instead of 50 number of isolate, student should take 50 number of potential bacteria which have confirmed biofilm production.

Overall progress of the study is satisfactory.

IV] Any other matter with the permission of Chair.

There was no other matter to discuss. Meeting ended with vote of thanks to chair.


Member Secretary

Dr. Mansee Thakur



MGM INSTITUTE OF HEALTH SCIENCES
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Minutes of the Scientific Advisory Committee for Medical and Biomedical Sciences

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 30th March, 2022 at 10.00 am through virtual platform. The following members had participated in the meeting:

- | | | |
|----------------------|---|---------------------|
| 1. Dr. Smita Mahale | : | Chairperson |
| 2. Dr. Raman P Yadav | : | Member |
| 3. Dr. Suvarna Magar | : | Member |
| 4. Dr. Swati Mahajan | : | Member |
| 5. Dr. Rajesh Dase | : | Member |
| 6. Dr. Sabita M Ram | : | Director (Research) |
| 7. Dr. Mansee Thakur | : | Member Secretary |

The following members conveyed their inability to join the meeting:

- | | | |
|-----------------------|---|--------|
| 1. Dr. Deepak Modi | : | Member |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr. Ipseeta Ray | : | Member |

The meeting started with welcome to Chairperson and all Members of SAC by Director (Research) and asked Member Secretary to continue with the Agenda.

The Member Secretary sort the permission of the Chairperson to start with the meeting as per the agenda.

I] To confirm the minutes of the meeting held on 28.01.2022:

The Minutes of the meeting held on 22.01.2022 were read and confirmed.

II] To review the Three PhD Synopsis :

A] Title: Immunoexpression of stem cell markers in histopathologically graded low risk and high risk oral leukoplakia

PhD Student	:	Niharika Swain
Guide	:	Dr. Mansee Thakur
Subject	:	Medical Genetics

The members were satisfied with the research work and approved the PhD Synopsis. The members appreciated the interdisciplinary work carried out by the candidate. They highlighted the advantage of faculty pursuing PhD, as the research work can be continued Post PhD. The Research outcome can be in the form of policy which can be implemented for patient care and management.

B] Title: Design, develop and functional evaluation of mycobacterium Tuberculosis DNA detection system

PhD Student : **Yogesh Patil**
Guide : **Dr. Mansee Thakur**
Subject : **Medical Biotechnology**

Members were satisfied and appreciated the work carried out for the PhD project and appreciated the presentation and approved the PhD Synopsis.

Apart from the submission of PhD thesis, the Chairperson had brought the attention of other PhD Scholars attending the meeting on the quality of the work presented by the candidate and encouraged the students to conduct similar kind of studies.

The Chairperson congratulated the guide and encouraged the student to take this project ahead by applying for extramural funding. She also appreciated the detailed study conducted for the detection of TB in line with National Mission of Eradicating TB by 2035.

C] Title: A study of expression of stem cell regulators in Oral Leukoplakia:A potentially malignant disorder of Oral Cavity

PhD Student : **Kamlesh Dekate**
Guide : **Dr. Mansee Thakur**
Subject : **Medical Genetics**

The members were satisfied with research work and approved the PhD Synopsis.

The Chairperson suggested both Dr. Niharika Swain and Dr. Kamlesh Dekate to carry-out further analysis of their results achieved from their PhD Thesis work. They were asked to put-up to the Ethics Committee for approval for utilizing the data for further analysis.

III] To review the six monthly progress of PhD research projects (03 Nos.):

A]Title: 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

PhD Student : Neha Patil
Guide : Dr. P N Khandelwal
Subject : Molecular Biology

Progress of the Research Work was satisfactory.

B] Title: Design and development of SiO₂-QD based non-invasive System for detection of IFN- γ and IP-10 antigen of tuberculosis (TB)

PhD Student : Sanjana T. Philip
Guide : Dr. Raman P Yadav
Subject : Medical Biotechnology

The guide requested the committee members for modification in the title, the members suggested to submit the new title with a letter to Member Secretary of Ethics Committee to get the approval of change in title from the Ethics Committee.

Members were satisfied with the progress of PhD work and advised the student for focusing on the publication of papers in high impact journals.

C] Title: Inhibition study of efflux pump by curcumin and nanocurcumin and its potential in rifampicin susceptibility in *Mycobacterium tuberculosis*

PhD Student : Harshita Mohanty
Guide : Dr. Raman P Yadav
Subject : Molecular Biology

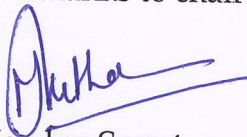
Progress of work was satisfactory and suggested to perform the toxicity analysis of the nanocurcumin by conducting invitro analysis and advised the student for focusing on the publication of papers in high impact journals.

IV] To review and approve the PhD Guide applications:

The member secretary proposed the list for new PhD guides for consideration as per the selection criteria. The matter was discussed and the committee approved the list of 06 guides.

V] Any other matter with the permission of Chair

There was no other matter to discuss. Meeting ended with vote of thanks to chair.


Member Secretary
Dr. Mansee Thakur



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Minutes of the Scientific Advisory Committee for Medical and Biomedical Sciences

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 10th May, 2022 at 10.00 am through virtual platform. The following members had participated in the meeting:

- | | | |
|-----------------------|---|---------------------|
| 1. Dr. Smita Mahale | : | Chairperson |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr. Ipseeta Ray | : | Member |
| 4. Dr. Rajesh Dase | : | Member |
| 5. Dr. Swati Mahajan | : | Member |
| 6. Dr. Sabita M Ram | : | Director (Research) |
| 7. Dr. Mansee Thakur | : | Member Secretary |

The following members conveyed their inability to join the meeting:

- | | | |
|----------------------|---|--------|
| 1. Dr. Deepak Modi | : | Member |
| 2. Dr. Raman P Yadav | : | Member |
| 3. Dr. Suvarna Magar | : | Member |

The meeting started with welcome to all Members. Dr. Smita Mahale, Chairperson was of the opinion that Research Projects should be kept ready by faculty irrespective of any announcement by the Agency. It should be made mandatory by all Faculty to write projects and keep ready. Dr. Chander Puri also suggested that projects which are submitted to funding agencies should be presented and approved from the Ethics Committee prior to submitting the projects. This will enhance the Research projects submission by faculty, MGMIHS.

Member Secretary Dr. Mansee Thakur, I/c-Director, MGM SBS, briefed about the overall agenda of the meeting to evaluate One Ph.D. Synopsis, One Protocol Presentation and One regular progress work evaluation. The meeting started with the agenda.

I] To confirm the minutes of the meeting held on 30.03.2022:

The Minutes of the meeting held on 30.03.2022 were read and confirmed.

II] To review PhD Synopsis :

- A] Title:** Assessment of various markers for endothelial dysfunction in coronary artery disease.

PhD Student : **Sanjay Gudetwar**
Guide : **Dr. Z G Badade**
Subject : **Biochemistry**

The members were satisfied with the data and work carried out for submission of PhD Thesis. The presentation required to be improved and was suggested to make a fresh Power Point Presentation and present it internally before the Director (Research), Member Secretary of SAC and Guide.

The PhD Synopsis approved subject to fresh Power Point Presentation.

B] Epidemiological predictors of metabolic syndrome as a multi-factorial disease among adult population.

PhD Student : **Mahavir P Nakel**
Guide : **Dr. Shoba Salve**
Subject : **Community Medicine**

Members were satisfied with the proposal presented for the PhD project and appreciated the presentation as well and approved the PhD Proposal for further proceedings, members suggested to submit the Ph.D. proposal with all the necessary forms and NOC from employing institution as early as possible. The chair had suggested to go for the sample size of 410 with gender ratio of 1:1, and to get in touch with resident endocrinologists and nutritionists for better design and more input/suggestions on the questionnaires. The scholar is also expected to contact Dr Maninder Setia for epidemiological and statistical insights and suggestions. The committee suggested to use a different referencing style i.e. Chicago, and also to use the same inclusion criteria for the control and sample.

C] Title : To study the maternal colonization of group B streptococcus and enterococcus and their association with preterm deliveries and preeclampsia

PhD Student : **Mr. Abhijit Singh**
Guide : **Dr. A D Urhekar**
Subject : **Microbiology**

Members were satisfied with the report presented and suggested to the scholar to keep the focus on publication as well in high impact factor journals.

III] Any other matter with the permission of Chair

There was no other matter to discuss. Meeting ended with vote of thanks to chair.


Member Secretary

Dr. Mansee Thakur

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Thanks, Noted.

Please note that for the for Chandana Kulkarni....it is the submission of synopsis and not the t

Regards,

Smita Mahale

From: Research MGMIHS <research@mgmuhs.com>

Sent: Monday, July 11, 2022 3:42 PM

To: smita mahale <smitamahale@hotmail.com>; chanderpuri47@gmail.com <chanderpuri47@gmail.com>; rda <deoswati@yahoo.co.in>; Dr.Raman Yadav <ramanpyadav@gmail.com>; Suvarna <drsuvanamagar@gmail.com> <dir.research@mgmuhs.com>; Registrar MGMIHS <registrar@mgmuhs.com>

Subject: Minutes of Meeting of SAC held on 07.07.2022

Respected Madam/Sir,

Please find attached scanned copy of the Minutes for your kind perusal.

With regards

To
The Mentha Secretary
As per DR Smita Mahale's suggestion
the Minutes is modified. sending for your
signature.
Downd
14/7/22

Minutes of Meeting of SAC held on 07.07.2022

smita mahale <smitamahale@hotmail.com>
To: Research MGMIHS <research@mgmuhs.com>

Wed, Jul 13, 2022 at 3:49 PM

Thanks, Noted.

Please note that for the for Chandana Kulkarni....it is the submission of synopsis and not the thesis...(in the third paragraph)

Regards,

Smita Mahale

From: Research MGMIHS <research@mgmuhs.com>

Sent: Monday, July 11, 2022 3:42 PM

To: smita mahale <smitamahale@hotmail.com>; chanderpuri47@gmail.com <chanderpuri47@gmail.com>; rdase25@gmail.com <rdase25@gmail.com>; Dr. Swati Mahajan <deoswati@yahoo.co.in>; Dr.Raman Yadav <ramanpyadav@gmail.com>; Suvarna <drsuvanamagar@gmail.com>; Dr.Mansee Thakur <mansibiotech79@gmail.com>; Director Research <dir.research@mgmuhs.com>; Registrar MGMIHS <registrar@mgmuhs.com>

Subject: Minutes of Meeting of SAC held on 07.07.2022

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Minutes of the Scientific Advisory Committee for Medical and Biomedical Sciences

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 7th July , 2022 at 10.00 am through virtual platform. The following members had participated in the meeting:

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|-----------------------|---|---------------------|
| 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. Mansee Thakur | : | Member Secretary |
| 8. Dr. Sabita M Ram | : | Director (Research) |

The following members conveyed their inability to join the meeting:

- | | | |
|----------------------|---|--------|
| 1. Dr. Deepak Modi | : | Member |
| 2. Dr. Ipseeta Ray | : | Member |
| 3. Dr. Deepak Bhosle | : | Member |

The Member Secretary welcome all Members and sought the permission of the chariperson to start with meeting.

Member Secretary, briefed about the overall agenda of the meeting to evaluate two Ph.D. Synopsis and six progress report . The meeting started with the agenda.

I] To confirm the minutes of the meeting held on 10.05.2022:

The Minutes of the meeting held on 10.05.2022 were read and confirmed.

II] To review PhD Synopsis :

A] Title: Isolation and characterization of multifunctional molecule from plant and its antidiabetesy potential.

PhD Student	:	Priyanka Rathod
Guide	:	Dr. Raman P Yadav
Subject	:	Biotechnology

Members suggested to disclose the names of plants used for purification of the molecules of interest in the synopsis and the thesis.

While presenting the data about the measurement of enzymatic activity of the molecules, the candidate should mention the concentration of the compounds used in the dilutions in terms of molarity/mg/nanogram per ml of the substance.

Members approved the synopsis subject to corrections as per above .

B] Title: Isolation of plant derived reflux pump inhibitor and its drug susceptibility potential in plasmodium falciparum.

PhD Student : **Chandana C Kulkarni**
Guide : **Dr. Raman P Yadav**
Subject : **Biotechnology**

It was brought to the notice of the members that the students has not published a single research paper as yet and hence the students should not have been allowed to present the synopsis without satisfying the criteria for synopsis submission.

Student appealed to SAC committee for considering the impartial fulfillment of last objective due to unavailability of the drug resistant strain of the plasmodium falciparum. The members considered the request and allowed to not carry out further studies on drug resistant strain.

Chairperson suggested to the Member Secretary that the student can submit the **final synopsis** only if the original research article is published and it should be brought to the notice of members of the SAC by formal communication to approve the synopsis before thesis submission .

The member secretary should keep this point in the next SAC meeting for final approval .

Prior permission for such presentation who do not fulfil the submission criteria of PhD.Synopsis should be taken from the Chairperson.

However in future no presentation of synopsis without publication of research paper should be accepted.

III] To review PhD Six Months Progress :

C] Title : Study of role of yoga and modified diet on general well-being in patients with Thalassemia major.

PhD Student : **Ms. Hitali Mali**
Guide : **Dr. Yahodha Khattimani**
Subject : **Physiology**

Members were satisfied with the progress of the study and suggested to focus on publication in indexed journals with good impact factor.

D] **Title** :To study the genetic spectrum of thalassemia and its correlation with phenotype.

PhD Student : **Ms. Shruti Bhowad**
Guide : **Dr. Parineeta Samant**
Subject : **Biochemistry**

Members were satisfied with the progress of the study and suggested to focus on publication in indexed journals with good impact factor.

E] **Title** :The study of GSTT1, GSTM1 and PON2 Gene polymorphism and its relation with oxidative stress markers in polycystic ovary syndrome.

PhD Student : **Mridula Mishra**
Guide : **Dr. Prineeta Samant**
Subject : **Biochemistry**

Members were satisfied with the progress of the study and suggested to focus on publication in indexed journals with good impact factor.

F] **Title**: Association of *PNPLA3* gene polymorphism in Type 2 diabetes mellitus patients with and without non-alcoholic fatty liver disease.

PhD Student : **Preeti Padvi**
Guide : **Dr. Kavita More**
Subject : **Biochemistry**

Members were satisfied with the progress of the study and suggested to focus on publication in indexed journals with good impact factor

G] **Title**: Anti-adhesive activity of biosurfactants against biofilm producing organism found in medical devices.

PhD Student : **Ms. Pooja Vishwakarma**
Guide : **Dr. Sharvari Samant**
Subject : **Microbiology**

Members suggested that for all the techniques that are outsourced, as a PhD scholar the student should understand the basic principle and interpretation of the result of their data. For this study the student needs to learn and understand the method of graph validation and what is done after validation.

Members were satisfactory with the progress, however no research paper has yet been published. Chairperson suggested to focus on publication in indexed journals with good impact factor as the scholar has presented the last objective of her thesis.

H] **Title:**To study the antibacterial activity of bacteriocin produced by probiotic bacteria on drug resistant intestinal pathogens- in vitro study.

PhD Student : **Ms. Akanksha Chauhan**
Guide : **Dr. Sharvari Samant**
Subject : **Microbiology**

Members suggested if possible assess the effect of microbial proteases on bacteriocin.

Members were satisfactory with the progress , the scholar has presented the last part of her thesis, however no publications out of her work has yet been published. The Chairperson suggested to focus on publication in indexed journals with good impact factor.

III] Any other matter with the permission of Chair

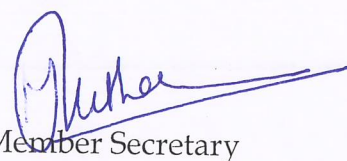
General Comments from the Chairperson.

As observed by the Chairperson since the last few years, MGMIHS faculty has been working on thrust areas with access to central research facility. Research should be pursued in these trust areas.

Madam suggested that researchers should formulate the research proposals as per these thrust areas for funding and distribute the work among the research students to boost research activity at the Institute. This will help to get funding.

PhD scholars should try to publish the paper in good impact factor journals.

The Meeting ended with vote of thanks to chair and Members of the committee.



Member Secretary

Dr. Mansee Thakur



MGM INSTITUTE OF HEALTH SCIENCES
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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.

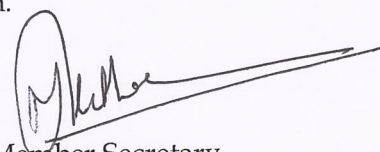
Research Director emphasized that PhD students whether full time of Part time must be physically present with their Guides in their respective Departments/Institutes where they are pursuing the PhD program during their presentations. No remote presentation will be accepted. No presentation on the mobiles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