



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA**  
JODHPUR ROMANA, MANDI DABWALI ROAD, BATHINDA,  
PUNJAB – 151001

ਅਖਿਲਭਾਰਤੀਆਯੁਰਵਿਗਿਆਨਸੰਸਥਾਨ, ਬਠਿੰਡਾ  
ਅਖਿਲਭਾਰਤੀਆਯੁਰਵਿਗਿਆਨਸੰਸਥਾਨ, ਬਠਿੰਡਾ

**RESEARCH ADVISORY COMMITTEE**



Ref. No. AB/RAC/2025/05/18

Date- 14/05/2025

## MINUTES OF MEETING- 14/05/2025

### Research Advisory Committee

#### 1. CALL TO ORDER

Prof. (Dr) Lajya Devi Goyal (Dean Research) called to order the meeting for discussion at 04:00 PM on 14/05/2025

#### • The following members were present in the meeting: -

Prof. (Dr.) Lajya Devi Goyal (Dean Research), Prof. (Dr.) Anuradha Raj (Associate Dean Research), Prof. (Dr) Rakesh Kakkar, Prof. (Dr) Gurvinder Pal Singh, Dr. M. Altaf Mir, Dr. Sivanantham Krishnamoorthi, , Dr. Ajay Kumar, Dr. Mayank Gupta, Dr. Shailendra Singh Rana.

#### 2. AGENDA

Following research projects were discussed by RAC and sent the subsequent comments:

S. No.	PI	Title of the Project	Comments
1.	Dr. Shivani (Endocrinology)	A Multicenter, Randomized, Comparative, Active-Controlled, Open-Label, Phase 3 Study to Evaluate the Efficacy, Safety and Immunogenicity of Semaglutide injection in Weight Management"	<ul style="list-style-type: none"><li>• Project OK.</li></ul>
2.	Dr. Manjit Kaur	Artificial intelligence-based tool for detection of Breast & Oral cancer	<ul style="list-style-type: none"><li>• Reframe the research question.</li><li>• Undertaking by the investigator need to be modified.</li><li>• Page 28 questionnaire go to question 7?</li><li>• Page 11 outcome measures point no. 2, How AI will help in early detection?</li></ul>

S. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>Page 14 primary objective point 4 is the future prospects of the project. It is clashing with the secondary objective?</li> <li>Type of study to be mentioned Case control or cohort?</li> <li>Language of the project to be checked.</li> <li>Multicentric study for which centre, (kindly mention study centres).</li> <li>Provide information about funding agency.</li> <li>Clarify the sample size for each center.</li> <li>Primary objective needs to be clarified.</li> <li>Please explain whether AI algorithm has been made or will be made.</li> </ul>
3.	Dr. Meena Mirdha (Physiology)	Association between shift work, sleep quality and quality of life among healthcare workers	<ul style="list-style-type: none"> <li>PIS/PICF should be in new format.</li> <li>Type of study to be incorporated in title.</li> </ul> <p><b><u>In form 2:</u></b></p> <ul style="list-style-type: none"> <li>Sponsor information- if non funded, it need to be checked as not applicable.</li> <li>Also, in point no 10. Benefit to be mentioned.</li> <li>Objective 1: is physical fitness is for quality of life?</li> <li>Period of study is to be clear with justification. In timeline table also need clarity.</li> <li>Vulnerable group - yes. What is the novel in this group. What is the benefit of focusing in this group? It is mentioned employees, nurses and staff. But will all cadre of group has same shift pattern working hours?</li> <li>Sample size calculation to be explained in detail.</li> <li>Details of informed consent to be appropriately checked in pg no 5 and also added with other language (ex. Punjabi).</li> <li>Statistical analysis need elaboration with any software assistance and</li> </ul>

S. No.	PI	Title of the Project	Comments
			<p>methods etc.</p> <ul style="list-style-type: none"> <li>Reference should be in Vancouver style.</li> <li>HoD sign ( through proper channel).</li> <li>Check list need to be signed by co-PI.</li> </ul>
4.	Dr. Himanshu Sharma (Biochemistry)	Investigating the role of Extracellular vesicles derived miRNA released from mutant CFTR expressing epithelial cells in modulating oxidative stress and endothelial dysfunction in Cystic Fibrosis patients	<ul style="list-style-type: none"> <li>Kindly attach the checklist signed by the PI.</li> <li>Kindly fill the Form -2 completely.</li> <li>Please explain why consent is not applicable for this study.</li> <li>What are the risks and the benefits?</li> <li>Include the type of study in the title.</li> <li>Divide the objectives in primary &amp; secondary.</li> <li>Kindly mention the sample size.</li> <li>Inclusion &amp; exclusion criteria not mentioned.</li> <li>PIS &amp; PICF not attached.</li> <li>References should be in chronology from (1 to n ) Vancouver term.</li> </ul>
5.	Dr. Sapna Marcus Bhatti (Radiation Oncology)	Study on awareness about breast cancer and practice of Breast Self-Examination among university female students of Malwa belt (PEHAL) : A Prospective observational study	<ul style="list-style-type: none"> <li>In Form, kindly ensure that stamp of HOD is missing.</li> <li>In study proposal kindly elaborate more about the review of literature by providing more relevant articles.</li> <li>Kindly provide budget details of the project.</li> <li>How the sample size was estimated for the project?</li> <li>In primary and secondary objectives young females attending schools and colleges were considered. But the target population ranged between 18 to 65 years in project proposal section. Kindly clarify?</li> <li>Kindly attach the questionnaire in the proposal.</li> <li>What is the method used for validation of the validation of the questionnaire? Kindly elaborate.</li> <li>In Phase 1 qualitative assessment how the semi-structured interview will be conducted? Kindly elaborate the process.</li> <li>Kindly elaborate completely about</li> </ul>

S. No.	PI	Title of the Project	Comments
			<p>the phase II and phase III in the methodology.</p> <ul style="list-style-type: none"> <li>Rejected because the forms are not filled properly.</li> <li><b>Project is rejected and may be submitted as fresh after the corrections.</b></li> </ul>
6.	Dr. Rajathi .R (Physiology)	Enhancing Patient Safety through E-Module Training: An Inter-Professional Approach for Medical and Nursing Education	<ul style="list-style-type: none"> <li>Modify the title of the study.</li> <li>Signature of the CO-PI is not marked in the form.</li> <li>The novelty of the study and rationale is not clearly depicted.</li> <li>Investigators justification is not proper.</li> <li>Sample size calculation method with formula is not provided.</li> <li>The 3 month follow up of study procedure is not clear.</li> <li>Gantt chart is incomplete.</li> <li>Rationale with cited literature is written at the end of the study.</li> <li>Only reference of 2024 were mentioned in the review of literature.</li> </ul>
7.	Dr. Bhawna Sharma (Microbiology)	Assessment of Knowledge and Awareness on Antibiotics use and Antimicrobial resistance among different population group of North India : A Multicentric Cross- Sectional Study	<ul style="list-style-type: none"> <li>Vague title- Different population?</li> <li>Vague Secondary Objectives: The secondary objectives (e.g., "explore public perceptions") are broad and lack measurable outcomes or specific constructs (e.g., which aspects of perceptions—knowledge, trust, beliefs, or behaviours?).</li> <li><b>Inadequate Sample distribution and its Justification:</b> The methodology does not justify for distribution of numbers to different study groups, which is critical for ensuring statistical power and representativeness. Unclear Sampling Strategy Details: While systematic random sampling is mentioned for the general population, the methodology lacks details on how medical and non-medical students will be sampled (e.g., stratified by year or discipline) and how sampling will be</li> </ul>

S. No.	PI	Title of the Project	Comments
			<p>standardized across centers.</p> <ul style="list-style-type: none"> <li>The methodology lacks details on handling data confidentiality (e.g., storage, anonymization protocols) and ethical challenges specific to surveying diverse groups, such as ensuring accessibility for low-literacy OPD patients.</li> <li>Hindi (PIS) has lot of spelling mistakes, need correction</li> </ul>
8.	Dr. Suraj kumar ( Cardiology )	To study the correlation of a novel inflammatory biomarker - Systemic Inflammatory Response Index (SIRI) with in-hospital outcome in patients of acute decompensated heart failure	<ul style="list-style-type: none"> <li>Kindly attach the checklist.</li> <li>Title should not start with "To".</li> <li>Mention study design in the title of the study.</li> <li>Cover letter should be signed by HOD.</li> <li>Specify the outcome in the title, "Which outcome".</li> <li>Kindly mention the index study in the sample size calculation.</li> </ul>
9.	Dr. Bhawna Sharma (Microbiology)	Genomic transcriptomic characterization of <i>Stenotrophomonas sepilia</i> and decipherment of its virulence potential	<ul style="list-style-type: none"> <li>Comments from the HOD missing – Recommended or not recommended.</li> <li>Undertaking by the investigators needs to be modified.</li> <li>Reframe the aim of the study.</li> <li>References style needs to be same throughout the project.</li> <li>Kindly mention the study design in the title of the study.</li> <li>Objectives need to be rewritten.</li> <li>Title to be modified.</li> <li>Methodology steps to be rewritten stepwise.</li> <li>Ethics Committee approval of Yr. 2022, is still applicable?</li> <li>Old references...  Modify and correct.</li> </ul>
10.	Dr. Shivani (Endocrinology)	<b>A Prospective , Phase 3, Randomized, Interventional, Open-label, Paralell Group, Multicentre, Active Controlled Study to</b>	<ul style="list-style-type: none"> <li>EC approval of Other centers?</li> <li>List of other centers? (subject selection 10/site) total 264?</li> <li>Status of Punjabi ICF?</li> <li>Pregnant partner ICF?</li> <li>Punjabi Diary?</li> <li>Indian Market approval status?</li> </ul>

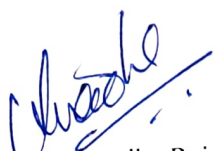
S. No.	PI	Title of the Project	Comments
		<b>Establish Noninferiority of Intas Semaglutide Subcutaneous Injection (Test) Against Innovator Semaglutide (Wegovy Flextouch, Novo Nordisk) Subcutaneous Injection (Reference) in Overweight and Obese Adult Participants in Adjunct to Diet and Exercise</b>	<p>DCGI Approval needed</p> <ul style="list-style-type: none"> <li>• Duration of Study: 26 weeks (2+24weeks) remaining analysis and report preparation etc.</li> <li>• Is the agency international??</li> <li>• Risk/Benefits- Yes (type of risks)?</li> <li>• Compensation for injury?</li> <li>• Compensation for travel reimbursement?</li> <li>• Intas clinical study protocol approval status</li> <li>• Details of vulnerable subject mentioned empty?? Pregnancy??</li> <li>• Which is the nodal center? IEC of the nodal center?</li> </ul>
11.	Dr. Shivani Bansal ( Dermatology )	Unveiling the Inflammatory Hematological Marker in Vitiligo: A Cross sectional study	<ul style="list-style-type: none"> <li>• In the cover letter , change the project's name "Across sectional" A cross sectional".</li> <li>• Kindly elaborate introduction &amp; background of study with more references.</li> <li>• Mention sample size calculation.</li> <li>• Kindly define research questions, null hypothesis and alternative hypothesis.</li> <li>• Elaborate budget details. Who will pay the money for the project?</li> <li>• Add assent forms for minors (12-18 years ) (English and translated), as all group age sample taking.</li> <li>• Add revised PDCF, informed consent and consent for minors etc.</li> <li>• Control can not be less than case.</li> <li>• How will take consent for retrospective study?</li> <li>• Study type is not proper.</li> </ul>

## Minutes of Meeting held on 14/05/2025 regarding the evaluation of Faculty projects

---



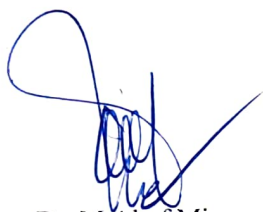
Prof. (Dr) Lajya Devi Goyal  
(Dean Research)



Prof. (Dr) Anuradha Raj  
(Associate Dean Research)



Prof. (Dr) Gurvinder Pal  
Singh



Dr. M Altaf Mir  
(Alt. Member Secretary)



Dr. Shailendra Singh Rana

Prof. (Dr) Rakesh  
kakkar



Dr. Sivanantham  
Krishnamoorthi

Dr. Ajay Kumar



Dr. Mayank Gupta