

ANNEXURES

Annexure 1: Participant information sheet.

Dear participant,

You are invited to take part in a research project entitled 'Development of research skills in undergraduates through mentored student research projects'. The first part of the training under this project, that is, training on protocol writing is part of the FAIMER Fellowship program being persuaded by the principal Investigator.....

You are potential participant for the study, please read this information sheet before you decide to participate in the research.

Purpose: To provide a training opportunity to undergraduate students in on biomedical research methodology

Procedure: If you agree to participate in this research and sign this consent form, you will participate in a training program on biomedical research methodology covered under 20 interactive sessions and 10 assignments. The details have been provided in the 'first communication' about this training program. After approval from IEC, the participants will complete their research projects under guidance of the subject specific mentor and principal investigator (.....). The projects will then be reviewed and rated by reviewers.

In the process of this training, you will be asked to complete a questionnaire capturing your opinion on perception of acquiring skills after the training program and comparing the same before the start of training program.

The research projects developed during this training will undergo a review by external experts in research methodology at the end. We will collect the status of the progress of your project from time to time in form of assignments. We will also ask you to participate in a survey at the end of 1 year and 2 years of this training to know the publication status of the project undertaken as part of this training.

Risks and benefits confidentiality: There is direct benefit to the participants in a way that they will receive hands-on training in methodological aspects of biomedical research. This will be helpful to participants in completion of their research projects. There are no monetary benefits to researcher or participant. All information and data will be kept strictly confidential. You can refuse to answer any question on the form.

Voluntary nature of study: Even if you sign a consent form, you are free to stop participation in the project.

Contact: Any further query, you have about this study will be answered by the principal investigator,

Name,

Contact no- Mob no.

E mail id- t

Participant's Name: Investigator's Name: Moudgil Participant's Signature: Investigator's Signature:

Date: / / Date:

Annexure 2: Development of research skills in undergraduates through mentored student research projects.

Retrospective Pre-Post Evaluation Form student's Id:

Please rate your skills on various topics mentioned below in table on 10 point scale. 0–10

0	10
Not at all skilled	Highly skilled

How skilled did you feel before the training programme regarding each topic	Topics	How skilled do you feel after the training programme regarding each topic
	Formulating a research question Literature search using PubMed Choosing appropriate title for project Writing introduction of project report	

How skilled did you feel before the training programme regarding each topic	Topics	How skilled do you feel after the training programme regarding each topic
	Choosing study design Choosing study participants Writing methodology section in project report Preparing data collection tool/study pro forma Data collection Preparing data analysis Writing observation and results Writing discussion Writing conclusion Managing references Dealing with ethical issues pertaining to research	

What did you like most about the research methodology module?

What else could be added to the research methodology module to make it more effective?

Do you feel you were able to work effectively in groups?

What was good about working in groups?

What were the hindrances about working in groups?

Additional comments:

Annexure 3: Project report review sheet Guidelines.

- The review pro forma has been divided in nine sections with each section carrying 10 marks
- The reviewer can use following broad guidelines for awarding marks in each section.

Group no. #:

Title of the project #

Assessor number:

S. no.	Part of the project report	Max marks 10
1.	Title Clear and Brief Includes clearly defined variables under study Includes clearly defined population Includes clearly defined study setting	
2	Introduction and ROL Research question is clearly stated. Research question is justified and related to the existing knowledge base (empirical research, theory, policy). Any specific research or educational terminology used later in manuscript is defined. Relevant ROL Recent references	
3	Aims/Objectives/Research Question Specific Measurable Appropriate Relevant Time bound	
4	Methodology: Study design Type of study (Prospective/Retrospective/Interventional/Case-Control) Design matching with objectives Study setting (Community/Hospital/Rural/Urban) The process by which ethical and or research/institutional governance approval was obtained is described and cited.	

S. no.	Part of the Project report	Max marks 10
5	<p>Methodology: Study population</p> <p>Sample size</p> <p>Sampling method (Inclusion/exclusion criteria)</p> <p>Method for gaining informed consent from the participants is described.</p> <p>Maintenance/Preservation of subject anonymity and confidentiality is described.</p> <p>Method of recording data (e.g., audio or video recording) and procedures for transcribing data are described.</p> <p>Methods are outlined and examples given (e.g., interview guide).</p>	
6	<p>Observation and results</p> <p>Study sample and the research setting should adequately described</p> <p>A description of how the data were analysed is included. Adequate account of how the findings were produced has been included</p> <p>Sufficient data are presented to allow a reader to assess whether or not the interpretation is supported by the data.</p> <p>Outlying or negative/deviant cases that do not fit with the central interpretation are presented.</p> <p>Transferability of research findings to other settings is discussed.</p> <p>Findings are presented in the context of any similar previous research</p>	
7	<p>Discussion</p> <p>Discussion of the existing literature and how this present research contributes to the area is included.</p> <p>Any particular strengths and limitations of the research are discussed.</p> <p>Reflection of the influence of the researcher (s) on the data, including a consideration of how the researcher (s) may have introduced bias to the results is included.</p>	
8	<p>Conclusion</p> <p>The conclusion states the main findings of the study and emphasises what the study adds to knowledge in the subject area.</p>	
9	<p>References</p> <p>Adequate number of references Referencing style appropriate</p>	
ROL: Review of Literature		

Additional comments: