

APPEAL TO FACULTY MEMBERS

Seth GS Medical College & KEM Hospital has been selected by the Department of Health Research (DHR), a department of the Ministry of Health & Family Welfare to establish Multi-Disciplinary Research Units (MRUs) to conduct research in the field of non-communicable diseases. The objectives of the said scheme are to:

1. Encourage and strengthen an environment of research in medical colleges.
2. Bridge the gap in the infrastructure which is inhibiting health research in the Medical Colleges
3. To create evidence-based application of diagnostic procedures/processes/methods so as to improve the overall health status of the community

Various committees such as local advisory Committee (LAC), Research advisory Committee (RAC), Purchase Committee, Renovation Committee and Project Initiation Implementation & Management committee (PIIMC) have been functioning since last one year to establish guidelines and smooth coordination of MRU activities.

Through the funds available for Phase 1, we have renovated the research laboratories located on first and second floor of Mortuary Building as MRU. About 30 equipment have been ordered which are expected to be commissioned by end of June 2016. The list of the equipment available in the MRU given at the end of this circular.

It is well known that faculty members and postgraduates of our institution conduct and publish good research work. It is an opportunity now to undertake more focused, collaborative research activities under the umbrella of GSMC-MRU utilizing the state of art facilities created from DHR grant to strengthen our research potential. Hence we request all the faculty members to submit the research proposals to us.

What should be the nature of research projects?

The research proposals should be:

1. addressing to a research problem in the area of non-communicable diseases
2. multidisciplinary
3. approved by the Institutional ethical committee
4. Basic/Applied/Clinical Research
5. able to have impact on health care practices and various health indicators of the state

The projects for which you have received part funding by the institution or any other sources can be supported through MRU. Even the dissertation of the postgraduate students can be submitted if they are meeting the above criteria.

When and where to submit?

The research proposal should be submitted by 30th June in the office of Department of Pharmacology & Therapeutics in a format attached herewith. The projects will be reviewed by the Research Advisory

Committee of the institution consisting both external, internal members and DHR representatives. Please note that there is no need to obtain permission of ICMR as was informed earlier. The institutional committee will give final decision.

What will be the benefits?

- a. Funding is available for consumables (total amount: for 1 year)
- b. Technical assistance
- c. Infrastructure

What are the investigator's responsibilities?

- i. execution of research projects as per mile stones given in the research proposal
- ii. Co-operation to nodal officer in smooth co-ordination to utilize the staff & infrastructure of GSMC-MRU optimally.
- iii. submission the progress reports every six months and final report on completion of the study
- iv. acknowledging GSMC-MRU in publications/presentations /patents

Dr. Avinash N. Supe
Director (ME&MH) and
Dean (G&K)

Dr. N.N. Rege
Nodal Officer
Seth GSMC-MRU

List of equipment available in MRU & Pharmacology Research Labs

No.	Instruments
01	Automated Biochemistry analyzer
02	Refrigerated centrifuge
03	Thermal Cycler
04	Gel Documentation System
05	Spectrophotometer, Nanodrop
06	Electrophoresis System Horizontal vertical and blot
07	Electronic Weighing Balance
08	Water purification system
09	ELISA Reader
10	ELISA washer
11	pH meter
12	Microwave oven
13	Vortex mixer
14	Ice Flaking Machine
16	Water bath
17	Hot air oven
18	Magnetic stirrer with hot plate
20	Incubator
21	Binocular-light microscope
22	Non-Refrigerated Centrifuge
26	High performance liquid Chromatography System
27	Fully automated Biochemistry analyser SMARTLAB
28	Biochemistry analyzer Semi - automated ERBACHEM-5 PLUS
29	Automated Haematology Analyzer
30	Fluorometer ELICO
31	Platelet Aggregometer
32	Trinocular fluorescent Microscope with Image Analyser
33	Laminar Flow Ultra Clean Air Unit
34	Ultra Sonicator
35	Laboratory Centrifuges
36	Incubators
37	Cyclo Mixers
38	Water baths
39	Homogenizers
40	Magnetic stirrer

**APPLICATION FORMAT FOR SUBMISSION OF RESEARCH PROPOSAL/PROJECT FOR APPROVAL OF THE
LOCAL RESEARCH ADVISORY COMMITTEE OF THE MEDICAL COLLEGE/INSTITUTE UNDER THE MULTI-
DISCIPLINARY RESEARCH UNIT (MRU)**

1. Name of the Medical College/Institute of the Multi-Disciplinary Research Unit (MRU)	
2. Project Title	
3. Specific Area of the proposed research (Non Communicable Disease only)	
4. Objective of the Study	
5. Aims and significance of the project	
6. Plan of work, methods and techniques to be used	
7. Time-table or milestones	

8. Deliverables (Apart from reports/papers; identify any products, technology, process etc. to be delivered at the end of the project)	
--	--

9. Principal Investigator (PI):

a. Title : Prof/Dr/Mr./Ms		Sex M/F
b. Name :		
c. Full Official Address		
Mobile/Telephone Fax E-mail		
d. Position		
e. Date of birth		
f. Highest Degree University/Institute Date		
g. Total time to be devoted to project (in man months per year)		

10. Other participants (give name, address, and highest qualification for each of the Co-Principal-Investigator) (CO-I):

1.	2.
3.	4.

11. Names and addresses of other research scientists actively engaged in the general area of the proposed research:

(1)	(2)

12. List not more than 10 of your publications with full bibliographic details/reports/patents or other documents in the last 5 years:

13. Proposed budget (To be utilized from within the MRU budget):

Budget items	Amount requested in Rs.		
	1 st Year	2 nd Year	3 rd Year
(a) Staff			
(b) Contingency/Consumables, etc (Broad details):			
Travel:			
Any other:			
(c) Equipment (item wise)	1 st Year	2 nd Year	3 rd Year
1.2.			
(d) Total			

14. Utilization of Available institutional facilities:

15. Research support availed/being availed/applied for by the PI from different sources, like Department of Health Research (Grant-aid-Scheme) , ICMR (Extra Mural), CSIR, DST/DBT, etc:

Grant agency	Title of the project and reference number	Duration(from mm/yy to mm/yy)	Amount in lakh Rs.

16. Declaration and attestation:

We certify that all the details declared here are correct and complete. 1. Signature of PI 2. Signature of CO-Is	Date:
(a)	Date:
(b)	Date:
(c)	Date:
(d)	Date:

17. Certificate of the heads of the department and institution:

We have read the terms and conditions of MRU Scheme. The necessary institutional facilities are available and will be provided for the implementation of this research proposal. Full account of expenditure will be rendered by the institution yearly.	
Name of the head : of the Institution/medical college Signature with date : Seal :	Name of the Nodal Officer : of the MRU Signature with date : Seal :

18. Recommendations of the Research Advisory Committee:	Signature of the Chairman of RAC: _____
19. Recommendations/Suggestions of the National Level Advisory Committee:	Signature of the Chairman of NAC: _____