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Guidelines for the implementation of the Scheme  
regarding  
Establishment of Multi-Disciplinary Research  
Units in Government Medical colleges/Research  
Institutions during the 12<sup>th</sup> Plan

Government of India  
Ministry of Health & Family Welfare  
Department of Health Research

July, 2013

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## **1. INTRODUCTION**

1.1 The Department of Health Research was created as a new Department under the Ministry of Health & Family Welfare vide Presidential Notification dated the 17<sup>th</sup> September, 2007 by an amendment to the Government of India (Allocation of Business) Rules, 1961. The Department has been allocated 9 new functions to promote health research activities, besides the ongoing work relating to the management and administration of ICMR.

1.2 Government of India, in July, 2013, vide sanction order at Appendix-I approved the scheme for 'Establishment of Multi -Disciplinary Research Units (MRUs) in the Government Medical Colleges/Research Institutions' during the 12<sup>th</sup> Plan period as a path- breaking initiative to develop/strengthen the health research infrastructure in the country to fulfill the newly allocated function of the Department related to the "Promotion, Coordination and Development of Basic, Applied and Clinical Research".

## **2. OBJECTIVE OF THE SCHEME:**

2.1 The objectives of the present scheme are to:

- Encourage and strengthen an environment of research in medical colleges.
- Bridge the gap in the infrastructure which is inhibiting health research in the Medical Colleges by assisting them to establish multidisciplinary research facilities with a view to improving the health research and health services.
- To ensure the geographical spread of health research infrastructure, in order to cover un-served and under-served Medical Colleges and other institutions.
- To improve the overall health status of the population by creating evidence-based application of diagnostic procedures/processes/methods.

## **3. COVERAGE**

3.1 The scheme entails establishment of modern Biological Lab/ Multi-Disciplinary Research facilities in 80 Government Medical Colleges for promoting medical research in the country, in a phased manner (35 in 2013-14 and 45 in 2014-15).

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#### **4. FUNDING/FINANCIAL ASSISTANCE FOR THE PROJECT:**

4.1 One time financial assistance upto Rs. 5.25 crores will be provided to each Government Medical College/Institution for setting up of modern biological lab/multi-disciplinary research unit. This will include Rs.5.00 crores towards equipment and Rs.25 lakhs for minor civil works for modifications/renovation in the space to be provided by the State Medical College.

4.2 Financial assistance of Rs.19.23 lakh per annum for meeting the recurring expenditure towards staff to be engaged on contractual basis (on consolidated remuneration) and Rs.15 lakhs per annum towards consumables/training/contingencies will also be provided for a period of five years to each medical college/institution, as indicated in **Appendix-II**.

4.3 The proposed grant-in-aid of Rs.5.00 crores towards equipment would be given in three installments of Rs.1.00 crore, Rs.2.00 crore and Rs.2.00 crore. The first installment of Rs.1.00 crores shall be released after approval of the project proposal by DHR. The release of 2<sup>nd</sup> installment and 3<sup>rd</sup> installment would be linked to the performance of the MRU in respect of laid down markers/milestones.

4.4. The financial assistance towards recurring expenditure on staffing, consumables/training/contingencies would be started from the second year of the sanctioning of the project.

4.5 The equipment for each medical college/institute would be need-based, as per requirements of projects to be undertaken and would be selected from a broad list of equipments listed in **Appendix-III**.

4.4 The mechanism of flow of funds will be as per the procedures followed by the Department of Health & Family Welfare in respect of similar schemes.

4.4 The local research committees would identify the research priorities and projects at medical college level. The quality of research work would be monitored by the Evaluation Committee constituted by the DHR.

4.5 The State Government will be required to provide requisite space (free of cost) for establishment of MRUs in the Medical Colleges.

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4.6 The State Governments shall be required to enter into a Memorandum of Agreement (MoA) with the DHR for running the MRU as also for taking over the liability of the MRU after the five year duration of the project.

4.7 No regular staff would be engaged at the MRUs and these labs will be managed by contractual staff only. The approved complement of core staff for each MRU is given at **Appendix-II.**

## **5. MAJOR FUNCTIONS OF THE MRUs**

- i. To undertake research in **non-communicable diseases** and other need-based research as recommended by the Local Research Committee/Expert Committee of the DHR employing newer tools.
- ii. To promote and encourage quality medical research in the Institution.
- iii. To constitute the local research committees for identifying the research priorities and projects with participation of State health system officials.

## **6. AGENCY FOR IMPLEMENTATION OF THE SCHEME:**

**6.1** The scheme will be implemented by the Department of Health Research (DHR) with the technical support of ICMR.

## **7. SUBMISSION OF APPLICATIONS /PROPOSALS**

**7.1** Applications/Proposals for establishment of MRUs would be required to be submitted by the concerned State Health Department to the ICMR in the prescribed format at **Appendix-IV.**

## **8. SCREENING/ EVALUATION & DECISION ON THE PROPOSALS:**

**8.1** The process of screening/evaluation/final approval would broadly comprise the following:

(1) Screening/evaluation of the proposals would be carried out by a two tier review by a Technical Screening Committee and Evaluation Committee at the ICMR, comprising of various experts. This process of assessment may include-

- a) Site visits by the Committee or its sub-committee, wherever required.
- b) Seeking additional expert opinion wherever required.

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(2) The proposals duly recommended by the Screening Committee and Evaluation Committee of ICMR fulfilling technical and administrative criteria would be referred to the DHR for final approval. The Approval Committee would comprise of:

(i)	Secretary, DHR	...	Chairman
(ii)	AS &FA (Health)	...	Member
(iii)	2 Joint Secretaries of DHR	...	Members
(iv)	Joint Secretary, D/oH&FW	...	Member
(v)	Representative of DGHS	...	Member
(vi)	Nominees of the Stakeholders (As decided by the Chairman)	....	Member(s)
(vii)	Deputy Secretary/Director, DHR	...	Member-Secretary

## 9. FUNDING MECHANISM

9.1 Based on the decision of the Approval Committee, the DHR would initiate the process for release of funds.

9.3 The concerned State /Medical College would devise suitable internal mechanism for speedy execution of the civil works, procurement & installation of equipments, selection & posting of requisite core staff with the active involvement of the State Health Department in consultation with the DHR. This would inter alia involve-

- Signing of the MOU with the DHR (Format at Appendix -V)
- Finalization of layouts/maps for establishing the MRU
- Tendering and hiring the agencies for construction /renovation of space provided for the setting up of MRU.
- Tendering and procuring the equipments approved by the DHR as per the indicative list at Appendix -III.
- Engaging the contractual staff to run the unit.
- Designing and preparing the appropriate/relevant research project proposals to be undertaken by the MRU

9.5 **Appropriate linkages between training and HRD component would be brought out by the DHR in consultation with the ICMR for imparting training to the relevant persons involved in projects.**

## 10. MONITORING MECHANISM

10.1 The various activities of the MRU including that of the Local Research Committees will be regularly monitored and guided by the Evaluation Committee, whose findings will be reported to the DHR for information/further action.

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10.2 Some of the indicators that will be used to review the growth of these centers are as follows:

- Number of research projects undertaken/competitive grants obtained by that Unit.
- New clinical/public health relevant knowledge generated and presented/published in national and international for a.
- Impact on health care practices and various health indicators of the state
- Number of persons imparted training into the research activities.
- Recognition by external experts/agencies.

## 11. PROGRESS REPORTS

11.1 The MRUs would be expected to submit periodic progress reports to the ICMR/DHR.

## 12. PROJECT MANAGEMENT & IMPLEMENTATION UNITS (PMIU):

12.1 Two PMIUs, one in DHR and the other under ICMR, set up under another scheme viz., Model Rural Health Research Units (MRHRU) would also support and monitor the activities of the MRU. While PMIU in DHR will be primarily responsible for the overall administrative/financial management regarding implementation of the scheme, the unit at ICMR will be responsible for providing necessary technical support, from the call of applications/proposals, processing the same for the establishment of the MRUs, submission of UCs, progress reports, etc.

## 13. AUDIT REQUIREMENTS

The audit of accounts of the MRUs would be done as per GFR provisions.

## 14. UTILIZATION CERTIFICATES.

The State Government/the concerned Medical College would be required to furnish the Utilization Certificate for the funds received under the project in accordance with the provisions of the GFRs. The UC will be accompanied by the performance-cum-achievement reports of the MRUs in the format as may be prescribed by the DHR.

## 15. Contact

Further information can be obtained at-

DHR website: [dhr.gov.in/](http://dhr.gov.in/)

ICMR website: [icmr.nic.in/](http://icmr.nic.in/)

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**Contact person:**

**Deputy Secretary to the Government of India  
Department of Health Research  
Ministry of Health & Family Welfare  
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No.V.25011/570 (i) /2010-HR  
Government of India  
Ministry of Health and Family Welfare  
Department of Health Research

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Room No.511-A, Nirman Bhawan, New Delhi-110108

**Dated: 10<sup>th</sup> July, 2013**

To  
The Pay & Accounts Officer,  
Ministry of Health & Family Welfare  
Nirman Bhawan,  
New Delhi-110011

**Subject: Administrative Approval and Expenditure Sanction of the scheme for “Establishment/Strengthening of Multi-disciplinary Research Units in Government Medical Colleges and Research Institutions” during the 12<sup>th</sup> Plan period, under the initiative of Development of Infrastructure for Health Research.**

Sir,

I am directed to say that the aforesaid proposal was considered and recommended by the EFC in its meeting on 22<sup>nd</sup> March, 2013 under the Chairmanship of Finance Secretary & Secretary (Expenditure), Ministry of Finance and approved by the Cabinet Committee on Economic Affairs (CCEA) in meeting held on 27<sup>th</sup> June, 2013 Accordingly, the administrative approval & Expenditure sanction of the Competent Authority is hereby conveyed for the plan scheme of Department of Health Research, namely **“Establishment/Strengthening of Multi-disciplinary Research Units (MRUs) in Government Medical Colleges and Research Institutions”** for implementation during the 12<sup>th</sup> Plan period, at a total estimated cost of Rs.503.85 crores, involving non-recurring expenditure of Rs.420.00 crores and recurring expenditure of Rs.83.85 crores for undertaking research on non-communicable diseases, subject to the following terms and conditions:-

**PHYSICAL TARGETS:**

2. The scheme entails setting up of 35 Multi-Disciplinary Research Units (MRUs) in 2013-14 and 45 MRUs in 2014-15 in the Government Medical Colleges/ Institutions during the 12<sup>th</sup> Plan period.

**FUNDING MECHANISM OF THE SCHEME:**

3. One time financial assistance upto Rs. 5.25 crores will be provided to each Government Medical College/Institution for setting up of multi-disciplinary research unit (Rs.5.00 crores towards equipment and Rs.25 lakhs for minor civil works for modifications/renovation).

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4. In addition, financial assistance of Rs.19.23 lakh per annum for meeting the recurring expenditure towards staff and Rs.15 lakhs per annum towards consumables/training/contingencies will also be provided for a period of five years to each medical college/institution.

5. The financial assistance of Rs.5.00 crores would be given in three installments of Rs.1.00 crore/Rs.2.00 crore/Rs.2.00 crore, respectively. The first installment of Rs.1.00 crore shall be paid after receiving a project proposal and its approval by DHR. The release of 2nd installment and 3rd installment would be linked to the achievement with reference to the laid down markers/milestones.

6. The norms of financial assistance and phasing of year-wise expenditure are given in the **Annexure**.

**7. The mechanism of flow of funds will be as per the practice followed by the Department of Health & Family Welfare in respect of similar schemes.**

**OTHER TERMS & CONDITIONS:**

8. Other terms & conditions of project implementation will be as follows:

- i. The State Government will be required to provide requisite space (free of cost) for establishment of MRUs in the Medical Colleges and will also be required to take over the recurring expenditure liability of the above labs after the project period of five years. The State Government will be required to enter into an MoA with the DHR in this regard.
- ii. The equipment for each medical college should be need based as per requirement of projects to be undertaken and selected from a broad list of equipments to be provided under the scheme.
- iii. The staff for the MRUs at the Medical Colleges and Project Management & Implementation Units at DHR and ICMR will be engaged purely on contractual basis in accordance with the provisions of GFRs.
- iv. Appropriate linkages between training and HRD component would be brought out for imparting training to the relevant persons involved in projects.
- v. For research priorities at medical college level, the local research committees would identify the research priorities and projects. The quality of research work would be monitored by the ICMR/DHR, through national level experts.
- vi. The scheme will be implemented by the DHR with the technical support of ICMR.
- vii. The release of grants-in-aid and the terms and conditions thereof including submission of utilisation certificates shall be subject to the provisions GFRs.

This issues with the approval of competent authority as per Ministry of Finance, D/Expenditure's O. M. No. F.No.1(3)PF.II dated 01.04.2013.

Encl: As above.

Sd/-  
(Sunita Sharma)  
Deputy Secretary to the Government of India  
Tel No.23063723

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Copy forwarded for information /necessary action forwarded to:

1. Director, Cabinet Secretariat, New Delhi.
2. Director General, ICMR & Secretary (HR)
3. Joint Secretary (PF-II), D/o Expenditure, Ministry of Finance, North Block, New Delhi.
4. Adviser (Health), Planning Commission, Yojana Bhawan, New Delhi
5. AS &FA (Health)

CC:PS to HFM/PS to MoS (HF&W)/JS(HR)-Shri S.K. RaoJS(HR)-Shri NageshPrabhu

Annexure.

**Costing of the proposal regarding establishment of Multi-disciplinary Research Units in Medical Colleges during the 12<sup>th</sup> Plan period.**

Component	Unit Cost	Rs. in crores				
		2013-14	2014-15	2015-16	2016-17	Total
<b>Physical Targets</b>		<b>35</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>80</b>
Civil Works	Rs.25 lakhs per MRU	8.75	11.25	0	0	20.00
Equipment	Rs.5.00 cr. per MRU  (in three installments of Rs.1/2/2 crores)	35.00	70+45= 115.00	70+90= 160.00	90.00	400.00
<b>A. Total Non - Recurring</b>	<b>Rs.5.25 cr. per MRU</b>	<b>43.75</b>	<b>126.25</b>	<b>160.00</b>	<b>90.00</b>	<b>420.00</b>
<b>Recurring</b>						
Staff	Rs.19.23 lakhs per annum (from 2 <sup>nd</sup> year)	0.00	6.77	6.77+ 8.70	6.77+ 8.70+ 8.70	46.41
<b>B. Total for Staff</b>		<b>0.00</b>	<b>6.77</b>	<b>15.47</b>	<b>24.17</b>	<b>46.41</b>
Consumables, Training, contingency, etc.	Rs.15 lakhs (from 2 <sup>nd</sup> year)	0.00	5.25	5.25+ 6.75	5.25+ 6.75+ 6.75	
<b>C. Total (Consumables, Training, contingency, etc.)</b>		<b>0</b>	<b>5.25</b>	<b>12.00</b>	<b>18.75</b>	<b>36.00</b>
<b>D. DHR (office expr)</b>		<b>0.51</b>	<b>0.31</b>	<b>0.31</b>	<b>0.31</b>	<b>1.44</b>
<b>Grand Total (A+B+C+D)</b>		<b>44.26</b>	<b>138.58</b>	<b>187.78</b>	<b>133.23</b>	<b>503.85</b>

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**Appendix-II**

**Core staff to be provided at each MRU (to be engaged purely on contractual basis)**

<b>S.No.</b>	<b>POST</b>	<b>No. of Posts</b>	<b>Monthly consolidated remuneration</b>	<b>Estimated Expr. Per annum</b>
<b>1.</b>	Research Scientist- II	1	58,900	706800
<b>2.</b>	Research Scientist- I	1	48,469	581628
<b>3.</b>	Lab Technician	2	18,360	440640
<b>4.</b>	Lab Assistant/DEO (Grade 'A')	1	16,179	194148
<b>TOTAL</b>		<b>5</b>		<b>1923216</b>

**Provision for other items (Recurring Expenditure)**

<b>S.No.</b>	<b>Item of expenditure</b>	<b>Cost per annum</b>
1.	Consumables	Rs. 8,00,000
2.	Contingency & Miscellaneous	Rs. 5,00,000
3.	Training	Rs. 200,000
	<b>TOTAL</b>	<b>Rs. 15,00,000</b>

**Format for submission of application/proposal for setting up of Multi-Disciplinary Research Units in Medical Colleges in the States**

- **Name of the State:**
- Name of the Medical College/Institution:
- Year of Establishment
- Number of full-time faculty members, subject wise (those with postgraduate degrees only)
- Existence of Research Laboratories with information regarding space and infrastructure/equipment.
- Existence of an Animal House approved by CPCSEA.... (with inventory of animals currently available)
- Total number of Research Publications in INDEXED Journals, discipline wise during last FIVE Years listed as per Vancouver (ICMR Journal) with full details (Name of Authors; Title of Paper; Name of Journal : Vol., Page No.; Year)
- Number of Extramural Grants received by your faculty during last five years
  - Name of faculty
  - Research Project
  - Grant giving agency
  - Year of sanction with duration
  - Amount sanctioned
- Are there any ongoing research projects other than mandatory for post-graduate thesis (please list)
- Awards/Distinctions received by your staff (please list)
- Do you have any intramural funds committed to research in your institutional budget?  
If yes, state the amount
- State specific research project/s your faculty will like to initiate  
If the above grant is sanctioned (provide brief outline of each)
- Whether any Local Research Committee exists, if so composition of the same. If not, whether the Medical College/Institution agrees to constitute the same.
- Will your institute faculty like to interact with one of the ICMR institutes in your neighbourhood.
  - For Mentorship
  - For Training
  - For utilizing their research facilities
  - For formulating a joint research project
- Details of space to be provided for establishment of MRU:

**Recommended & forwarded by**

**Principal Secretary (Health/Medical Education),  
State Government of \_\_\_\_\_**

**List of equipments with cost under Multidisciplinary Research Units (MRU)****B. INDICATIVE LIST OF EQUIPMENTS:**

SN	NAME OF EQUIPMENT	QUANTITY	UNIT COST	TOTAL COST
<b>GENERAL BASIC EQUIPMENTS</b>				
<b>HAEMATOLOGY ANALYZER</b>				
1	3 part analyser	1	1000000	1000000
2	5 part analyser	1	2000000	2000000
3	Auto analyser	3	1200000	3600000
4	Tissue processor	1	400000	400000
5	Cryostat	1	200000	200000
<b>MICROSCOPE</b>				
1	Microscope (Binocular-light)	5	100000	500000
2	Microscope (inverted)	1	1500000	1500000
3	Microscope (Fluorescent)	2	2000000	4000000
4	Microscope (trinocular)	1	1000000	1000000
<b>CENTRIFUGE</b>				
1	Table top non refrigerated centrifuge	2	50000	100000
2	Table top refrigerated centrifuge	2	400000	800000
3	Microfuge (refrigerated)	2	400000	800000
4	Ultra centrifuge	1	200000	200000
<b>REFRIGERATED &amp; DEEP FREEZERS</b>				
1	Ordinary freezer	2	50000	100000
2	Minicold lab	1	1000000	1000000
3	(-20 degree) freezer	2	300000	600000
4	(-70 degree) freezer	2	400000	800000
	<b>TOTAL</b>			

SN	NAME OF EQUIPMENT	QUANTITY	UNIT COST	TOTAL COST
<b>MOLECULAR BIOLOGY LAB</b>				
1	High Pressure Liquid Chromatography	1	2500000	2500000
2	Gas Chromatography Mass Spectrophotometer	1	7000000	7000000
3	Thermal cycler	1	600000	600000
4	Microfuge	1	100000	100000
5	Centrifuge	1	50000	50000
6	Ordinary refrigerator	1	30000	30000
7	Bio-safety cabinet	1	150000	150000

8	Refrigerator (-20 degree)	1	300000	300000
9	Water bath	1	150000	150000
10	Gel doc	1	1000000	1000000
11	Hybridization system	1	500000	500000
12	Microwave oven	1	25000	25000
13	Electrophoresis (Horizontal, vertical, western)	1	1500000	1500000
14	Gel dryer	1	300000	300000
15	Spectrophotometer (Nano drop)	1	400000	400000
16	Real time PCR	1	3000000	3000000
17	pH meter	1	200000	200000
18	Electronic weighing balance	1	100000	100000
19	Vortex mixers	2	50000	100000
20	Ice flaking machine	1	30000	30000
21	Micro pipettes	8 sets	30000	2400000
22	Liquid N2 tank	1	100000	100000
23	CO2 cylinder & regulator	1	50000	50000
1	WATER PURIFICATION SYSTEM (MILLIPORE WITH PRE PURIFICATION & SOFTENER	1	200000	200000
	TOTAL			

SN	NAME OF EQUIPMENT	QUANTITY	UNIT COST	TOTAL COST
<b>STERLIZATION ROOM</b>				
1	Autoclave	3	1500000	4500000
2	Hot air oven	2	100000	200000
<b>ELISA READER</b>				
1	Reader	2	600000	1200000
2	Washer	2	200000	400000
<b>HISTOPATHOLOGY SECTION</b>				
1	Microscope	1	100000	100000
2	Microtome	1	300000	300000
3	Cryostat	1	200000	200000
4	Automatic tissue processor	1	500000	500000
5	Electronic weighing balance	2	50000	100000

SN	NAME OF EQUIPMENT	QUANTITY	UNIT COST	TOTAL COST
<b>CYTOGENETICS LAB</b>				
1	Fluorescent microscope with software	1	2000000	2000000
<b>TISSUE CULTURE LAB</b>				



1	Biosafety (laminar hood) cabinet	1	150000	150000
2	CO2 incubator	1	300000	300000
3	Automatic pipettes	1	75000	75000
4	Inverted microscope	1	500000	500000
5	Table top centrifuge	1	50000	50000
6	Positive Pressure filtration system	1	400000	400000

SN	NAME OF EQUIPMENT	QUANTITY	UNIT COST	TOTAL COST
<b>MINOR EQUIPMENT</b>				
1	Magnetic stirrer	1	3000	3000
2	Multi-channel micropipettes (variable) autoclave	4 sets	40000	160000
3	Vortex	1	50000	50000
4	Electronic Ph meter	1	200000	200000
5	Tissue homogenizer	1	250000	250000
6	Ultra sonicator	1	200000	200000
7	Incubator	2	100000	200000
8	Shaker incubator	1	150000	150000
9	Ice flaking machine	1	30000	30000
	COMPUTERS AND ACCESSORIES WITH INTERNET FACILITY	2	100000	200000
<b>GRAND TOTAL</b>				<b>5,00,80,000**</b>

**Memorandum of Agreement (MOA)**

**PREAMBLE**

Whereas the Government of India, Ministry of Health & Family Welfare, Department of Health Research has formulated a scheme for strengthening the Government Medical Colleges/Research Institutions by providing one time grant for the establishment of Multi-Disciplinary Research Units (herein referred to as **MRU** for promoting medical/health research in the country under the initiative of development of infrastructure for health research. during the 12<sup>th</sup> Plan period;

Whereas the details of the of the scheme have been already communicated to State Health Departments and they have expressed their willingness to establish MRUs in selected medical colleges with the financial assistance of Department of Health research, Ministry of Health and family welfare Govt. of India

Now therefore,

This Agreement is made at \_\_\_\_\_ this \_\_\_\_\_ Day of \_\_\_\_ 2013

**BETWEEN**

The Government of \_\_\_\_\_, Department of \_\_\_\_\_ (name of the State Government & the Department) (herein referred to as the **SG**) and the \_\_\_\_\_ (name of State Medical College/Institute) \_\_\_\_\_ having its premises at \_\_\_\_\_ in the State of \_\_\_\_\_, (hereinafter referred to as **SMC**) through their authorized signatories \_\_\_\_\_ which expression unless repugnant to the context or the meaning thereof shall include its permitted assigns and successors.

**AND**

Department of Health Research, Ministry of Health & Family Welfare, Govt. of India with office at **Nirman Bhawan, New Delhi-110011** (hereinafter referred to as DHR) through its authorized signatory \_\_\_\_\_ which expression unless repugnant to the context or the meaning hereof shall include its permitted assigns and successors, which will lay the foundation for cooperation and joint action to support the development of Medical Research and training in such areas as may be identified and agreed to mutually from time to time and act as precursor towards that goal of convergence between institutions of higher learning in the country and agree as under:

**2. COMMON OBJECTIVES & GOALS**

- Encourage and strengthen an environment of research in medical colleges.
- Bridge the gap in the infrastructure which is inhibiting health research in the Medical Colleges by assisting them to establish multidisciplinary

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research facilities with a view to improving the health research and health services.

- To ensure the geographical spread of health research infrastructure, in order to cover un-served and under-served Medical Colleges and other institutions.
- To improve the overall health status of the population by creating evidence based application of diagnostic procedures/processes/methods.

### 3. STRATEGIES

- a) To assist in the development of infrastructure in the **SMC** by establishing **MRU**
- b) To assist the **SMC** in the running of the **MRU** for an initial period of five years.

#### 4. OBLIGATION OF SG/SMC

With a view to achieving the objectives set forth in the preceding para, the SG/**SMC** agrees to discharge the following responsibilities:

- To provide space of mutually agreed dimensions ranging between 2500-4000 Sq. Ft.,(approx 300 sq. mtr) free of cost, in the premises of the SMC for the establishment of the **MRU**.
- To implement the scheme as per the guidelines provided by the DHR..
- To constitute Local Research Committee,which would identify the research priorities and projects in consultation with the DHR.
- To run the MRU after the expiry of a period of 5 years from the date of commencement of this **MOA with** all the associated responsibilities with respect of all financial, scientific and management of staff.
- To maintain separate account for the funds received from the DHR under the scheme.
- To submit the Utilization Certificate in the prescribed format as per the General Financial Rules for the funds received under the scheme, **including the interest earned thereon.**
- **To have the accounts for the funds provided under the scheme audited as per the provisions of the statutory audit applicable to the concerned Medical College under the State Government policy.**
- **Constitute Committees and regularly monitor the project implementation.**

#### 4. OBLIGATION OF DHR

With a view to achieving the objectives set forth in the preceding para, the DHR agrees to discharge the following responsibilities:

- To provide a onetime grant not exceeding Rs 5.25 crores to the **SMC** comprising Rs.25 lakhs for civil works for modification/renovation and Rs.5.00 crores for the procurement and installation of the equipment as described in **Appendix -1** to this MOA needed for the establishment of the **MRU** in the **SMC**.
- To provide financial assistance to the **SMC** 19.23 lakhs per annum to meet the cost on engaging the services of technical manpower on contractual basis (on consolidated remuneration) and Rs.15 lakhs per annum towards consumables/training/contingencies for the running of the **MRU** for a period of 5 years

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from the commencement of this **MOA**, as per details described in **Appendix- II** to this MOA.

- To have the scheme implemented with the technical support of Indian Council of Medical Research (ICMR) through appropriate expert committees for regular review and monitoring of the scheme.
- Constitute committees for screening, evaluation, approval and monitoring of schemes.

## **5. QUALITY ASSURANCE**

**DHR** in collaboration with the **SMC** shall regularly monitor the implementation of the activities undertaken and the output under this MOA.

## **6. FURTHER ACTS & ASSURANCE**

All the parties agree to execute and deliver all such instruments and to perform all such further acts as shall be necessary and required to carry out the provisions of this MOA and to consummate the transactions contemplated hereby including, but not limited to

- The administrative control of the **MRU** and the ownership of its scientific output
- The rules applicable to the personnel belonging to **SMC** and other technical personnel working in the **MRU**.

## **7. AMENDMENTS TO THE AGREEMENT**

The obligations of **DHR** and **SMC** have been outlined in this **MOA**. However, during the operation of the **MOA** circumstances may arise which may call for alternations or modifications of this agreement. These alterations shall be mutually discussed and agreed upon in writing

No amendment or change hereof or addition hereto shall be effective or binding on either of the parties hereto unless set forth in writing and executed by the respective duly authorized representatives of each of the parties hereto.

## **8. VALIDITY & TERMINATION**

This **MOA** shall come into effect upon signature of both the parties on the date set forth below and shall be in force for five years. It may be extended further in its present form or with modifications as may be agreed upon through mutual consent. This **MOA** can be terminated at any time during or after the period of five years through mutual consent on three months' notice in writing from either side.

## **9. INTERPRETATION/MATTERS NOT PROVIDED HEREIN**

If any doubt arises as to the interpretation of the provisions of this agreement or as to matters not provided therein, parties to this agreement shall consult with each other for each instance and resolve such doubts in good faith.

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**For & on behalf of the Government of  
India, Ministry of Health & Family  
Welfare, Department of Health Research  
New Delhi**

**Authorized Signatory,  
DHR, New Delhi**

**Date:**

**Place: New Delhi, India**

**For and on behalf of the State  
Government**

**Authorized Signatory  
Place  
Dated:**

**For and on behalf of the State Medical  
College\_\_\_\_\_**

**Authorized Signatory,**

**Place:**

**Date:**