Department of Health Research

1. Setting up of nationwide network of laboratories for managing epidemics and national calamities (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
2021-22	**Output**	**Indicators**	**Targets 2021-22**	**Outcome**	**Indicators**	**Targets 2021-22**
82	1. Enabling Environment: Infrastructure, research and training to manage and investigate outbreaks/ epidemics and emerging and/re-emerging viruses	1.1. Number of multi-centric research studies conducted by the network of labs	3	1. Timely diagnosis of epidemics and availability of trained Viral Research & Diagnostic Professionals at Medical College, State Level and regional level Laboratories.	1.1. Number of labs verified for Quality parameters	75
		1.2 Number of labs reporting results to the apex authority (NIE Chennai)	115		1.2. Number of personnel trained	75
	2. Catalytic Change: Presence of research and training labs at regional and state level	2.1. Number of regional level labs built.	0			
		2.2. Number of State level labs built.	1			
		2.3. Number of medical college level labs built.	15			
		2.4. No. of labs which are capable to diagnose major viruses of public health importance: Regional	10			
		2.5. No. of labs which are capable to diagnose major	22			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
2021-22	**Output**	**Indicators**	**Targets 2021-22**	**Outcome**	**Indicators**	**Targets 2021-22**
		viruses of public health importance: State				
		2.6. No. of labs which are capable to diagnose major viruses of public health importance: Medical College	83			
		2.7. No. of outbreak investigation done	100			
		2.8. Number of samples tested	200000			

2. Human Resource and Capacity Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22		
2021-22	**Output**	**Indicators**	**Targets 2021-22**	**Outcome**	**Indicators**	**Targets 2021-22**
	a. Human Resource Development for Health Research					
77	1. Development of Human Resources in health research	1.1. No. of fellowship awarded: Young Scientist scheme	50	1. Generation of Highly skilled manpower in health research area	1.1. % of completion of research studies: Young Scientist scheme	80%
		1.2. No. of fellowship awarded: Women Scientist scheme	30		1.2. % of completion of research studies: Women Scientist scheme	80%
		1.3. No. of fellowship	25		1.3. % of completion of	80%

		awarded: Short term fellowship in Indian/foreign institute for training			research studies: Short term fellowship in Indian/ foreign institute for training	
		1.4. No. of fellowship awarded: Long term fellowship in Indian/ foreign institute for training	30		1.4. % of completion of research studies: Long term fellowship in Indian/ foreign institute for training	80 %
		1.5. No. of start-up projects support	10		1.5. % of start-up projects undertaken by fellows:	80%
		1.6. No. of the institutes supported for providing training	5		1.6. No. of researchers trained by the institutes supported.	80
		1.7. No. of research projects completed:	25		1.7. No. of leads converted into patents/products/ process	10
					1.8. Knowledge generation in terms of publications of research articles	25
	b. Grant-in-aid (GIA) Scheme for Inter -Sectoral Convergence & Coordination for Promotion and Guidance on Health Research					
	1. Enabling Environment for Health Research	1.1. No. of ongoing research projects supported	76	1. Capacity building, training of human resources in areas of health research, projects supported on major health problems, development of new product/process/diagnostic kit/technology etc.	1.1. No. of research paper published/ presented or new clinically /public health relevant knowledge generated	25
		1.2. No. of new research projects supported	20		1.2. Number of manpower trained	50
		1.3. Public health research projects supported	5		1.3. No. of leads /protocols /devices/guidelines developed	2
		1.4. Translational Projects supported	3		1.4. Number of leads converted into patents/products/ process for use in public health services:	1

		1.5. Joint projects supported	2		1.5. No. of Cost effective and indigenous diagnostic kits/ vaccine/ drug etc. developed	2
		1.6. No. of research projects completed	22			
	c. Research Governance {Health Technology Assessment in India (HTAIn)}					
	1. Enabling Environment for Health Research	1.1. Research Projects on existing Healthcare Technologies.	10	1. Maximizing Health, reducing OOP expenses and inequality through healthcare interventions and technologies	1.1. No. of evidence-based policies issued of Health Technology Assessment (HTA)	10
		1.2. Research Projects on new Healthcare Technologies.	10		1.2. No. of new topics for Health Technology Assessment (HTA)	30

3. Development of tools/support to prevent outbreaks of epidemics (CS)

FINANCIAL OUTLAY (Rs in Cr)	**OUTPUTS 2021-22**			**OUTCOMES 2021-22**		
2021-22	**Output**	**Indicators**	**Targets 2021-22**	**Outcome**	**Indicators**	**Targets 2021-22**
15	1. Providing Diagnostic Kits and reagents to investigate outbreaks/epidemics of emerging and/re-emerging viruses	1.1. Number of labs which have provided confirmation of the outbreak	50	1. Providing diagnostics for viral and non-viral infectious pathogens	1.1. Number of labs strengthen for diagnosis of viral and non-viral pathogens	50
		1.2. Number of etiological agents for which diagnostic kits have been supplied	6			
	2. Providing Training to labs for capacity building by Resource Centre (NIV, Pune)	2.1 Number of trainings to be imparted by RC	10			

4. Development of Infrastructure for Promotion of Health Research (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22		
2021-22	**Output**	**Indicators**	**Targets 2021-22**	**Outcome**	**Indicators**	**Targets 2021-22**
	a. Establishment of Model Rural Health Research Unit					
80	1. Creation of infrastructure and enabling environment for research at rural areas.	1.1. Number of MRHRUs to be established	3	1. Operationalization of Model Rural Health Research Units	1.1. Increase in Health Research studies/ projects at Rural Areas.	3
		1.2. Number of research studies/ projects to be under taken at each MRHRU established during the year	6		1.2. Increased in transfer of new technologies for improving the quality of health services to rural population.	1
		1.3. Number of research studies/ projects to be completed at each of the MRHRUs established during the year	3			
		1.4. Number of research papers published/ presented/ patents filed on new clinically/public health relevant knowledge generated from MRHRUs from the established during the year	3			
		1.5. Number of transfers of new technologies from the MRHRUs established during the year	1			
	b. Establishment of Multi Disciplinarily Research Unit at Medical College					

	1. Creation of infrastructure and enabling environment for research at Medical Colleges	1.1. Number of MRUs to be established at Medical to be Colleges	6	1. Research Unit at Medical College: Operationalization of Multi-Disciplinary Research Units at Medical Colleges	1.1. Increase in Health Research activities/studies at Govt. Medical Colleges/ Research Institutions (Nos.).	6
		1.2. Number of MRUs to be functional out of the total MRUs established during the year	6		1.2. Initiation to development of Diagnostic kits/technologies for Non-communicable & Communicable diseases (Nos.)	1
		1.3. Number of research studies/ projects to be undertaken at each of the MRUs established during the year	12			
		1.4. Number of research studies/projects to be completed at each of the MRUs established during the year	2			
		1.5. Number of research papers published/ presented/ patents filed on new clinically /public health relevant knowledge generated from the MRUs established during the year	2			
		1.6. Number of new technologies developed for introduction into the public health system	1			

		1.7. Number of leads converted into patents/ products/process for used in public health services	1			