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 2022-23			OUTCOMES 2022-23		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
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	4	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	132
		1.2 Number of labs reporting results to the apex authority (NIE Chennai)	131		1.2 Number of labs reporting results in ≤ 72 hrs of receipt of clinical specimen	100
		1.3 Number of personnel trained	100			
	2. Catalytic Change: Presence of research and training labs at regional and state level	2.1 Number of regional level labs built.	1			
		2.2 Number of State level labs built.	0			
		2.3 Number of medical college level labs built.	8			
		2.4 No. of labs which are capable to	10			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
		diagnose major viruses of public health importance: Regional				
		2.5 No. of labs which are capable to diagnose major viruses of public health importance: State	25			
		2.6 No. of labs which are capable to diagnose major viruses of public health importance: Medical College	97			
		2.7 No. of outbreak investigation done	100			
		2.8 Number of samples tested	300000			

2. Human Resource and Capacity Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
	a. Human Resource Development for Health Research					
30.00	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	20		1.2 % of completion of research studies: Women Scientist scheme	80%
		1.3 No. of fellowship awarded: Short term fellowship in Indian/foreign institute for training	24		1.3 % of completion of research studies: Short term fellowship in Indian/ foreign institute for training	80%
		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.	100
		1.7 No. of research projects completed by fellows supported	25		1.7 No. of leads converted into patents/products/ process	10
					1.8 Knowledge generation in terms of publications of research articles	30
	b. Grant-in-aid (GIA) Scheme for Inter -Sectoral Convergence & Coordination for Promotion and Guidance on Health Research					
27.00	1. Enabling Environment for Health Research	1.1 No. of ongoing research projects supported	100	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	15
		1.2 No. of new research projects supported	**18**		1.2 Number of manpower trained	80
		1.3 Public health research projects supported	16		1.3 No. of leads /protocols /devices/guidelines developed	3
		1.1 Translational Projects supported	1		1.4 Number of leads converted into patents/products/ process for use in public health services:	2
		1.2 Joint projects supported	1		1.5 No. of Cost effective indigenous diagnostic kits/ vaccine/ drug etc. developed	1
		1.6 No. of research projects completed	12			
	c. Research Governance {Health Technology Assessment in India (HTAIn)}					

23.65	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)	15

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

FINANCIAL OUTLAY (Rs in Cr)	**OUTPUTS 2022-23**			**OUTCOMES 2022-23**		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
15.00	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	132	1. Providing diagnostics for viral and non-viral infectious pathogens	1.1 Number of labs for which testing facility are strengthened for diagnosis of viral and non-viral pathogens	50
		1.2 Number of etiological agents for which diagnostic kits have been supplied	8			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOMES 2022-23		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
	2. Providing Training to labs for capacity building by Resource Centre (NIV, Pune)	2.1 Number of trainings (man-days) to be imparted by Resource Centres	600			

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

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2022-23			OUTCOME 2022-23		
Proposed BE 2022-23	**Output**	**Indicators**	**Targets 2022-23 based on proposed BE**	**Outcome**	**Indicators**	**Targets 2022-23 based on proposed BE**
	a. Establishment of Model Rural Health Research Unit					
20.00	1. Creation of infrastructure and	1.1 Number of MRHRUs to be established	2	1. Operationalization of Model Rural Health Research Units	1.1 Increased in transfer of new technologies for improving the quality of	1

	enabling environment for research at rural areas.				health services to rural population.	
		1.2 Number of research studies/ projects to be completed at each of the MRHRUs	2		1.2 Number of patents filed on health relevant knowledge generated from MRHRUs established	1
					1.3 Number of research papers published/presented from MRHRUs established	3
	b. Establishment of Multi Disciplinarily Research Unit at Medical College					
60.00	1. Creation of infrastructure and enabling environment for research at Medical Colleges	1.1 Number of MRUs to be established at Medical 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	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 completed at each of the MRUs established	2		1.3 Number of research papers published/ presented/ patents filed on new clinically /public health relevant knowledge generated from the MRUs established	2

					1.4 Number of new technologies developed for introduction into the public health system	1
					1.5 Number of leads converted into patents/ products/process for used in public health services	1