Department of Health Research

Platforms for One Health (CS) PM-ABHIM Bio-security preparedness and strengthening Pandemic Research and Multi-Sector, National Institutions and

1. Establishment of 9 BSL 3 Labs and strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio-Security Preparedness 2. Establishment of 4 Regional National Institute of Viroloov Indicators 1.1 No. of VRDL labs upgraded upgraded 2. No. of VRDLs labs strengthened strengthened 2. Establishment of 4 Infrastructure 3. Infrastructure 3. Indicators 4. Indicators 3. Indicators 3. Indicators 4. Indicators 3. Indicators 4. Indicators 5. Indicators 6. Indicators 7. Indicators 7. Indicators 8. Indicators 8. Indicators 8. Indicators 8. Indicators 8. Indicators 9. Indicators	FINANCIAL OUTLAY (Rs in Cr)	01	OUTPUTS 2024-25		OUTCOMES 2024-25
1. Establishment of 9 BSL 3 Labs and strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio-Security Preparedness 2. Establishment of 4 Regional National Institute of Viroloov 1.1 No. of VRDL labs upgraded 1.2 No. of VRDLs labs strengthened 1.2 No. of VRDLs labs strengthened 1.3 No. of VRDLs labs upgraded 3 Institute of Viral labs and upgraded 3 Infrastructure 3 Infrastructure 3 Infrastructure	2024-25	Output	Indicators	Targets	Outcome
1. Establishment of 9 BSL 3 Labs and strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio-Security Preparedness 2. Establishment of 4 Regional National Institute of Virology Properties (VRDLs) for enhancing Bio-Security Preparedness Preparedness Preparedness Preparedness Properties of Virology Properties of Virology Properties of Virology Properties of Virology Properties Propert				2024-25	
strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio- Security Preparedness Establishment of 4 Regional National Institute of Virology upgraded 1.2 No. of VRDLs labs strengthened 1.2 No. of VRDLs labs strengthened 1.2 No. of VRDLs labs strengthened Infrastructure infrastructure	212.21	1. Establishment of 9	1.1 No. of VRDL labs	2	 Enhancing Bio-
strengthening existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio- Security Preparedness Establishment of 4 Regional National Institute of Virology 1.2 No. of VRDLs labs strengthened Infrastructure		BSL 3 Labs and	upgraded		security capacity
existing Viral Research Diagnostic Laboratories (VRDLs) for enhancing Bio- Security Preparedness Preparedness Establishment of 4 Regional National Institute of Virology 1.2 No. of VRDLs labs strengthened strengthened ### Additional Strengthened Infrastructure 1.2 No. of VRDLs labs Strengthened		strengthening			by supporting
Research Diagnostic Laboratories (VRDLs) for enhancing Bio- Security Preparedness Preparedness Establishment of 4 Regional National Institute of Virology		existing Viral	1.2 No. of VRDLs labs	10	biomedical
Laboratories (VRDLs) for enhancing Bio- Security Preparedness Preparedness Preparedness Preparedness Institute of Virology Institute of Virology		Research Diagnostic	strengthened		research on
enhancing Bio- Security Preparedness Establishment of 4 Regional National Institute of Virology		(VRDLs) for			Covid-19 and other emerging
Security Preparedness		enhancing Bio-		,	and reemerging
Preparedness Preparedness Preparedness Preparedness Institute of 4 Institute of Virology Preparedness		Security	6		infectious
Establishment of 4 Regional National Institute of Virology		Preparedness			 diseases to meet
Establishment of 4 Regional National Institute of Virology					the future
Establishment of 4 Regional National Institute of Virology				_	pandemics.
Establishment of 4 Regional National Institute of Virology			ř		
	N		% of completion of Infrastructure	30-50	2. Research Priorities Identified by each

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	The second secon					
B. C.				for capacity building as per regulatory requirements		
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	ready for validation	developed for validation.		No. of workshops conducted	Diseases	
2	3.1 No. of New Technologies developed/supported	Indigenous Medical Device and Diagnostic	ري ن	3.1 No. of New Technology Developed/Supported	3. Support to MDMS for the Development of Technologies for Enidemiologies	=======================================
		governments.				
	-	institutions in its				
		process involving				
		a consultative				t
		diseases through				
		remerging viral			and Jammu	
		emerging and			Bengaluru, Jabalpur	1
2024-25			2024-25			
Targets	Indicators	Outcome	Targets	Indicators	Output	2024-25
						(Rs in Cr)
	OUTCOMES 2024-25	Ç		00110102024-20	9	OUTLAY
	TECONIES 2024 25			SC PUCC STITUTI	OI	FINANCIAI

L	NANCIA	Human
	OUTPUTS 2024-25	Resource and Capacity Development (CS)

147.04	2024-25	(Rs in Cr)	OUTLAY	L	FINANCIA
a. Human Resource Development for Health Research	Output				-0
evelopment for Health Re-	Indicators				OUTPUTS 2024-25
search	Targets 2024-25				
	Outcome				10
	Indicators				OUTCOME 2024-25
	Targets 2024-25				

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!							-		-									b.									ļ
Environment for Health Research	Enabling 1.1 Number of Resource 2			10									,	Health Research	Environment for	Enabling	Research	Grant-in-aid (GIA) S								health research	Development of Human Resources in
Ö	e {Heal					2			H	0	1.2			\$3	ľ	1.1		cheme	0	, G	1.3	0	ď	S	1.2		1.1 a 7
centres established	Number of Resource								,	projects completed.	No. of research		*	supported	research projects	No. of ongoing		for Inter -Sectoral C	biomedical research	conducted for	No of workshops	capacity building	providing training /	supported for	No of institutes		No. of fellowship awarded
	2 2										32					150		onvergence			275			7	5		680
	. (-		& Coo									-
Health, reducing OOP expenses and inequality through	(HIAIN)} Maximizing				kit/technology etc.	agnostic	product/process/di	new	development of	problems,	on major health	projects supported	of health research,	resources in areas	training of human	Capacity building,		rdination for Prom				24		area	health research	manpower in	Generation of Highly skilled
	1					i	1.3				1.2					Ξ		otion :							1.2		:
policies issued of Health Technology Assessment (HTA)	No. of evidence-based	public health services	process for use in	into patents/products/	developed or converted	/devices/guidelines	No. of leads /protocols	trainings	research exposure/	resource received	Number of human	knowledge generated	health relevant	new clinically /public	published/ presented or	No. of research paper		Grant-in-aid (GIA) Scheme for Inter -Sectoral Convergence & Coordination for Promotion and Guidance on Health			(Numbers)	research articles	publications of	in terms of	Knowledge generation	supported	No of participants trained by the institutes
	20						2	1	2		100					32		12							50		1,000

,								1		
training of human resources in the area of cancer diagnostics (DIAMONDS)	 Establishing molecular labs, and 									
2.2 Number of Personnel Trained	2.1 No. of DIAMONDS Centres established				trained	1.3 Number of Personnel	Governments.	and Central	received from State	1.2 Number of topics
50	ų.					60				35
treatment for lung and breast cancers	2. Enabling biomarker based				3.5			technologies	interventions and	healthcare
Lung Cancer	2.1 Number of Patients tested for Breast and	es	devices/kits/technologi	procurement of	programs and for	technology in	guidelines, uptake of	agencies in form of	briefs utilized by user	1.2 Number of policy
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FINANCIA L OUTLAY		NCIA OUTPUTS 2024-25 L LAY			OUTCOME 2024-25
2024-25	Output	Indicators	Targets	Outcome	Indicators
	2		2024-25		
80.00	a. Model Rural Hea	Model Rural Health Research Unit			
	1. Operationalization	1.1 Number of Research	50	 Results/Effects of 	1. Results/Effects of 1.1 Number of Research
	of MRHRUs	Projects approved by		establishment of	Studies completed at
		LRAC in MRHRUs		MRHRUs	MRHRUs
		1.2 Number of research	25		1.2 Number of Research
		projects that obtained			Publications from
		required funding			MRHRUs

Multi-Disciplinary Research Unit at Medical College Operationalization of MRUs 1.1 Number of Research Projects approved by LRAC in MRUs 1.2 Number of Research projects that obtained required funding 1.3 Number of research projects initiated 1.4 Number of Research MRUs 1.5 Projects that lead to clinical practice or policy change or transfer of technology to rural areas MRUs 1.1 Number of Research Studies completed at MRUs MRUs 1.2 Number of Research Publications from MRUs 1.3 Number of New Technologies/Guideline s/Processes/ Patents developed as a result of	Research by MRUs						
Projects initiated Projects initiated Projects initiated 1.1 Number of Research Projects approved by LRAC in MRUs 1.2 Number of Research projects that obtained required funding 1.3 Number of research projects initiated 1.4 Results/Effects of 1.1 establishment of MRUs 1.2 Number of Research projects that obtained required funding 1.3 Number of research projects initiated	developed as a result of						
Projects initiated Projects initiated Projects initiated 1.1 Number of Research Projects approved by LRAC in MRUs 1.2 Number of Research projects that obtained required funding 1.3 Number of research projects initiated 1.4 Projects initiated 1.5 Projects approved by LRAC in MRUs 1.6 Establishment of MRUs 1.7 MRUs 1.8 Projects of 1.1 1.9 Projects of 1.1 1.1 Results/Effects of 1.1 1.2 Projects of Research 100 1.3 Number of research 100 1.4 Projects of 1.1 1.5 Projects of 1.1 1.6 Projects of 1.1 1.7 Projects of 1.1 1.8 Projects of 1.1 1.9 Projects of 1.1 1.1 Projects of 1.1 1.2 Projects of 1.1 1.3 Projects initiated	s/Processes/ Patents						
Projects initiated Projects initiated Projects initiated Projects initiated 1.1 Number of Research 200 Projects approved by LRAC in MRUs 1.2 Number of Research 100 projects that obtained required funding 1.3 Number of research 50 1.3 Number of research 50	Technologies/Guideline			ted	projects initia		
Projects initiated Projects initiated Projects initiated Projects initiated 1.1 Number of Research 200 Projects approved by LRAC in MRUs 1.2 Number of Research 100 projects that obtained required funding	 1.3 Number of New				1.3 Number of re		
Projects initiated Projects initiated Projects initiated Projects initiated 1.1 Number of Research Projects approved by LRAC in MRUs 1.2 Number of Research projects that obtained 1.3 Number of Research Projects approved by LRAC in MRUs 1.4 Results/Effects of 1.1 establishment of MRUs 1.5 MRUs 1.6 MRUs 1.7 MRUs 1.8 Results/Effects of 1.1 establishment of MRUs 1.9 MRUs 1.1 MRUs 1.2 Number of Research 100 MRUs	MRUs			ing	required fund		
Projects initiated Projects initiated Projects initiated Projects initiated 1.1 Number of Research Projects approved by LRAC in MRUs 1.2 Number of Research 1.00 1.3 Number of Research 1.4 Results/Effects of 1.1 establishment of MRUs 1.5 MRUs 1.6 MRUs 1.7 Number of Research 1.8 MRUs	Publications from			btained	projects that c		
Projects initiated Projects initiated Projects initiated 1.3 Projects initiated sciplinary Research Unit at Medical College alization 1.1 Number of Research Projects approved by LRAC in MRUs 1.3 1.3 1.4 1.5 1.7 1.8 1.1 1.1 1.1 1.1 1.1 1.1	 1.2 Number of Research		0		1.2 Number of Re		
Projects initiated Projects initiated Projects initiated Projects initiated 1.3 Projects initiated Projects initiated 1.1 Number of Research Projects approved by 1.2 1.3 1.3 Projects initiated 1.4 College 1.5 College 1.6 College 1.7 College 1.8 College 1.1 Results/Effects of 1.1 cstablishment of	MRUs	MRUs		Us	LRAC in MR		
Projects initiated Projects initiated Projects initiated Projects initiated 1.3 Projects initiated 1.4 Projects initiated 1.5 Projects initiated 1.6 Projects initiated 1.7 Projects initiated 1.8 1.1 1.1 1.1 1.1 1.3	Studies completed at	establishment of		oved by	Projects appro	of MRUs	
1.3	 1.1 Number of Research		0 1.		1.1 Number of Re	Operationalization	<u>:</u>
1.3				edical College	lesearch Unit at Mo	Multi-Disciplinary R	b .
1.3	 rural areas						I
1.3	transfer of technology to						
12	policy change or						
12	 clinical practice or			iated	Projects init		
	 1.3 Projects that lead to				1.3 Number of I		

60.00	2024-25	FINANCIAL OUTLAY (Rs in Cr)	4. Setting 1							
Creation and strengthening of Laboratory infrastructure for	Output	0	up of nationwide netwo							
1.1 Number of labs established	Indicators	OUTPUTS 2024-25	Setting up of nationwide network of laboratories for managing epidemics and national calamities (CS)			projects initiated	1.3 Number of research	required funding	projects that obtained	The reservoir of the second
4	Targets 2024-25		aging epider				50			100
 Timely and quality diagnosis and pan India availability of 	Outcome	Q	nics and national cala							
1.1 Number of labs reporting results in ≤ 72 hrs of receipt of clinical specimen	Indicators	2024-25	mities (CS)	developed as a result of Research by MRUs	s/Processes/ Patents	Technologies/Guideline	1.3 Number of New	MRUs	Publications from	1.7 INTERPORT OF IVERCET CIT
120	Targets 2024-25				V		2			33

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23														
				10		2.			_					-
across the nation	re-emerging viruses	s of emerging and	outbreaks/epidemic	investigation of	for managing and	Capacity building		tools/technologies	and developing	evidence synthesis	research for	health importance,	pathogens of public	diagnosis of viral
		research	viral diagnostic and	their capabilities in	trained to enhance	2.1 Number of personnel	tested	1.3 Number of Samples	importance	of public health	investigate outbreaks	viruses and to	to diagnose major	1.2 Number of labs able
						200		1,00,000						130
			arch studies	surveillance/Rese	disease specific	2. Establishing			3	Į.	Professionals.	Diagnostic	Research &	trained Viral
				network the network	generated from the	2.1 Number of publications							for quality parameters	1.2 Number of labs verified 60
						150								60

FINANCIA	0	OUTPUTS 2024-25		MI	OUTCOMES 2024-25
OUTLAY (Rs in Cr)					
2024-25	Output	Indicators	Target 2024-25	Outcome	
8.00	1. Providing Diagnostic Kits and reagents to	1.1 Number of the outbreaks investigated	40	Surveillance/researc h studies on pathogens of public	1.1 Number of viral and non-viral pathogens monitored/studied
	investigate outbreaks/epidemic s of emerging and/re- emerging viruses	1.2 Number of research studies/surveillance program initiated	2	health significance.	

	(NIV,	Resou	buildi	to lab	2. Provid
	VIV, Pune)	rce Centre	ng by	s for capacity	ling Training
					2.1
				conducted	2.1 Number of Trainings
					4
	W		diagnosis	blosalety and lab	2. Capacity building in
					2.1
ō			пе паши	successions comprehen	2.1 Number of personner
					100