

Department of Science and Technology

1. Research and Development (CS)

FINANCIAL OUTLAY (Rs. In Cr)	OUTPUT 2024-25							OUTCOME 2024-25					
	2024-25	Output	Indicators	Targets 2024-25	Q1	Q2	Q3	Q4	Outcome	Indicators	Annual Targets 2024-25		
391.00	<b>a. National Mission on Nano Science and Technology</b>												
	1.	Support R&D on fundamental aspects of Nano Science, Individual scientist-centric projects or multi-institutional projects or Industrial academia partnership projects or international collaborative projects, training of manpower, and industry-academia partnerships under Nano mission	1.1	No. of research projects (new and ongoing) supported	18	3	5	5	5	1. Enhanced Research and development in Nano Science and Technology	1.1	Total No. of research publications (SCI journals)	50
			1.2	No. of post-doctoral fellowships	06	0	02	02	02		1.2	No. of Human Resources (Scientist, Researcher, and Technocrat etc.) skills upgraded	50
	<b>b. Climate Change Program (CCP)</b>												
	1.	Creation of S&T capacities and generation of knowledge in the area of climate change science and	1.1	No. of knowledge centers (new and ongoing) supported	22	06	05	06	05	1. Creation of S&T capacities and generation of knowledge in the area of	1.1	No. of research papers & thematic	150
	1.2		No. of State Climate Change centres	30	8	8	8	6					

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	2024-25	Output	Indicators	Targets 2024-25	Q1	Q2	Q3	Q4	Outcome	Indicators	Annual Targets 2024-25
		adaptation through NMSHE & NMSKCC	(new and ongoing) supported						climate change science and adaptation through NMSHE & NMSKCC.	reports published	
		1.3 No. of research projects (new and ongoing) supported		98	24	25	25	24		1.2 No. of researchers with enhanced knowledge and skills	550
		1.4 No. of Capacity Building (CB) Programmes		20	04	06	04	06			
<b>c. International Science and Technology Cooperation</b>											
	1.	Fostering the ecosystem of R&D through international cooperation	1.1 No. of industrial R&D projects (new and ongoing) supported	20	5	5	5	5	1. Improvement in the quality of S&T ecosystem	1.1 No. of joint publications in SCI journals	600
			1.2 No. of exchange visits	2000	500	500	500	500		1.2 No. of patent filed	20
			1.3 No. of International workshops, S&T events, platform, thematic meetings organized	140	35	35	35	35		1.3 No. of technologies developed	15
			1.4 No. of Centre of Excellence (CoE) supported/ Established	10	3	3	2	2			
			1.5 No. of fellowships supported	250	70	60	60	60			

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		1.6	No. of international R&D projects supported	370	100	90	90	90						
<b>d. Mega facilities for Basic Research</b>														
	1.	Strengthening the mega facilities for promoting basic research	1.1	No. of mega projects (new and ongoing) supported	10	02	02	03	03	1.	Development of technology/ products in the basic research	1.1	Number of Prototypes developed	04
			1.2	No. of Research Infrastructures created	02	0	01	0	01			1.2	Number of Research Facilities utilized by Researchers	08
			1.3	No. of Outreach events organized	04	01	01	01	01			1.3	Number of Technologies transferred to Industry	01
												1.4	Number of in-kind components supplied to mega projects	20
												1.5	Number of PhDs produced	15
												1.6	Number of Indian	40

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	2024-25	Output	Indicators	Targets 2024-25	Q1	Q2	Q3	Q4	Outcome	Indicators	Annual Targets 2024-25
										Industries involved	
										1.7 Number of research papers published in SCI Journals	80

2. 5. National Quantum Mission (CS)

FINANCIAL OUTLAY (Rs. In Cr)	OUTPUT 2024-25							OUTCOME 2024-25		
	Output	Indicators	Targets 2024-25	Q1	Q2	Q3	Q4	Outcome	Indicators	Annual Targets 2024-25
427.00	<b>Technology Development</b>									
	Setting up of Thematic Hubs (T-Hubs) in the areas of Quantum Computing, Quantum Communication, Quantum Sensing & Metrology and Quantum Materials and Devices	No. of T-Hubs setup	4	0	0	0	4	Quantum Technology Development	No. of Researchers involved in the T-Hubs	40

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