

Department of Scientific & Industrial Research

1. Industrial Research & Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOME 2024-25			
	2024-25	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
	1.	Support to new innovative projects sanctioned under PRISM	1.1 Number of new Innovative projects sanctioned Under PRISM	10	1. Creation of start-ups and Innovative ideas PRISM	1.1 Number of Innovative projects successfully completed under PRISM	6
	2.	Support to Common Research and Technology Development Hubs(CRTDHs)	2.1 Number of new/ongoing projects supported	8	2. Engagement of MSMEs with Research institutions for new technology development and R&D(CRTDHs)	2.1 Number of CRTDHs engaging with MSMEs	16
	3.	Support to events such as workshops, seminars, conferences, exhibition etc.for exchange of views and forging collaborations(A2K+)	3.1 Number of new events supported under A2K+Events	9	3. Exchange of R&D ideas and forging collaborative research (A2K+)	3.1 Number of participants upgraded their knowledge/upskilled through events	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOME 2024-25			
	2024-25	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
	4.	Support to new studies and monitoring existing studies on innovation and technology commercialization (A2K+)	4.1 Number of new/ongoing studies supported under A2K+	4	4. Dissemination of new knowledge among stakeholders (A2K+)	4.1 Number of study reports published (A2K+Studies)	7
	5.	Support to new TDUPW projects for technological capacity building and empowerment of women (A2K+)	5.1 Number of new/ongoing projects supported under TDUPW	2	5. Imparting of superior technological skills to women that will enhance their outputs and earnings (A2K+)	5.1 Number of women trained/upskilled under TDUPW (A2K+ TDUPW)	500

2. Assistance to PSEs (National Research Development Corporation) (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOME 2024-25			
	2024-25 (Rs Cr)	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
	a) National Research Development Corporation (NRDC)						
	1.	Technology Development, Validation and	1.1 Number of start-ups / industry to be supported for developing the	2	1. Development of technologies which can be taken-up for	1.1 Number of technologies successfully reaching market.	2

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOME 2024-25			
	2024-25 (Rs Cr)	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
		Commercialization (TDVC)	technology from TRL 3-4 stage to pre-commercialization stage		commercialization by industry		
		1.2	Seed funding by way of equity for taking technology from pre-commercialization to commercialization stage	3			
	2.	Value addition for taking lab scale technologies to commercial scale through further development, basic design engineering packages, market surveys, FR etc.	2.1 Number of technologies supported through value addition services	33	2. Value addition services-provide important data for taking the lab scale technology to a pre-commercialization stage, leading to Technology Commercialization & Showcasing of innovative technologies to Industry and other stakeholders	2.1 Number of technologies licensed to Industry for commercializati on.	35
	3.	Dissemination of information on technologies	3.1 Number of Technologies showcased in Exhibitions.	75			
			3.2 Number of Industries participated in interaction meets organized.	1			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOME 2024-25			
	2024-25 (Rs Cr)	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
	4.	Provide Assistance for filing of IP	4.1 Number of MSMEs, Start-ups, R&D Instt. provided IP filing support	45	4. Increased IP filing	4.1 Number of patents granted, filed earlier	20
	5.	Seed funding for disruptive manufacturing start-ups in incubation centres	5.1 Number of start-ups identified Seed Funding	2	5. Successful Commercialization of technologies selected by start-ups	5.1 Number of start-ups successful in launching the product in the market	1
	6.	Partnering with institutions for setting up and managing its own incubation centre	6.1 Number of incubatees supported (New & Old)	13	6. Successfully establish the PoC	6.1 Number of Start-ups successful in establishing the Proof of Concept.	3
	7.	Hand holding through outreach offices of NRDC for promoting IP and Technology Transfer	7.1 Number of technologies assigned through outreach centre	6	7. Brand building, increasing the outreach and creating awareness on the activities of NRDC and Licensing of technologies	7.1 No. of Technologies licensed	5

3. Assistance to PSE's (CS)- Central Electronics Ltd (CEL)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2024-25			OUTCOMES 2024-25			
	2024-25	Output	Indicators	Targets 2024-25	Outcome	Indicators	Targets 2024-25
	a) Central Electronics Ltd. (CEL)						
	1.	Development of products for Indian Railways (S&T scheme)	1.1 Number of sub modules tested and validated for Solid State Block Proving by axle counter(SSBPAC)	03	1. Development of Solid State Block Proving by axle counter(SSBPAC)	1.1 Number of reports submitted to ISA for CENELAC SIL-4 certification	02
			1.2 Number of engineering models developed for SSBPAC	02			
	2.	Development of Universal failsafe multiplexer system (S&T scheme)	2.1 Number of sub modules designed including software	02	2. Development of Universal Failsafe Multiplexer system	2.1 Number of sub modules developed	01
	3.	Development of Trans/Receiver (T/R) module for Indian radars (S&T Scheme)	3.1 Number of T/R module prototypes manufactured	01	3. Submission for qualification of T/R Module	3.1 Number of T/R module prototypes submitted for qualification	01
	4.	Modernization of infrastructure (I&M scheme)	4.1 Number of equipment installed for upgradation of production infrastructure	07	4. Creation of New process facility	4.1 Number of processes upgraded	02