GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 455
ANSWERED ON 24/07/2024

Centrally Sponsored Schemes and Central Sector Schemes

455. SHRI GOVIND MAKTHAPPA KARJOL:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

(a)   the details of the Centrally Sponsored and Central Sector Schemes pertaining to Science and Technology sector implemented by the Government in the State of Karnataka during each of the last five years and the current year, scheme and district-wise;

(b)   the details of the funds allocated, sanctioned, released and utilized for each of the above schemes during the said period, scheme and district-wise;

(c)   the details of the physical targets set and achieved while implementing above schemes during the aforesaid period, scheme and district-wise; and

(d)   whether the Government has noticed any shortcomings while implementing above schemes and if so, the manner in which those shortcomings have been fixed?

ANSWER
MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)
विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a)   The Ministry of Science and Technology, Government of India (GoI) is implementing several Central Sector Schemes on Science and Technology (S&T) on PAN India basis through three main departments of the Ministry namely the Department of Science and Technology (DST), the Department of Biotechnology (DBT) and the Department of Scientific and Industrial Research (DSIR)/ Council of Scientific and Industrial Research (CSIR).

DST plays a pivotal role in promotion of S&T in the country. The programmes of DST are being implemented under the following umbrella schemes:

i. S&T Institutional & Human Capacity Building
ii. Research and Development
iii. Innovation, Technology Development and Deployment
iv. National Mission on Interdisciplinary Cyber-Physical Systems

DBT is implementing two Central Sector Schemes namely 'Research and Development (R&D)' scheme, and 'Industrial & Entrepreneurial Development' at pan-India level including Karnataka.

DSIR is implementing Patent Acquisition and Collaborative Research & Technology Development (PACE) and Access to Knowledge for Technology Development and Dissemination (A2K+) schemes.

(b) & (c): The details of funds sanctioned, released, and utilized under the aforementioned schemes in the State of Karnataka, as well as the physical targets set and achieved during the last five years and the current year are provided in the below table:

Name of Umbrella Scheme	Funds sanctioned/ released/ utilised (In INR Crores) since FY 2019-20 till date	Physical target set and achieved
A. Department of Science and Technology		
i. Research & Development	251.29	Physical targets achieved as per the Output Outcome Monitoring Framework (OOMF) of NITI Aayog (Link: https://dmeo.gov.in/index.php/output-outcome-framework)
ii. S&T Institutional & Human Capacity Building	281.59	
iii. Innovation Technology Development and Deployment	213.01	
iv. National Mission on Interdisciplinary Cyber-Physical Systems	99.58	
Total (A)	845.47	

B. Department of Biotechnology			
i.	**Biotechnology Research & Development**	91.72	**Physical targets achieved as per the Output Outcome Monitoring Framework (OOMF) of NITI Aayog (Link: https://dmeo.gov.in/index.php/output-outcome-framework)**
ii.	**Industrial & Entrepreneurship Development**	9.60	
Total (B)		**101.32**	
C. Department of Scientific and Industrial Research			
i.	**Patent Acquisition and Collaborative Research & Technology Development (PACE)**	0.90	**Physical targets achieved as per the Output Outcome Monitoring Framework (OOMF) of NITI Aayog (Link: https://dmeo.gov.in/index.php/output-outcome-framework)**
ii.	**Access to Knowledge for Technology Development and Dissemination (A2K+)**	1.13	
Total (C)		**2.03**	
Grand Total (A+B+C)		**948.82**	

(d)   The Government has not found any major shortcomings while implementing above schemes. The schemes implemented by the Ministry of Science and Technology, GoI are monitored periodically through Evaluation & Monitoring framework containing indicators to evaluate outcomes.

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