

**NITI Aayog
DM&A**

Manual-1

Function and duties of DM&A vertical:

The Vertical primarily deals with (a) issues related to data management, leveraging technology for improved statistical systems, and (b) promoting research and adoption of frontier technologies. The core functions broadly cover:

- Formulation of policy papers and strategy documents in collaboration with experts from the Government, academia and industry, and conducting seminars and workshops.
- Managing pilot projects in frontier technologies intended to solve use-cases pertaining to areas such as health, agriculture, etc., in collaboration with public and private research institutes and industry bodies. Document learnings from the projects as policy documents.
- Collaborating with national and international think tanks, educational and policy research institutions, civil societies and industry to create a knowledge and innovation support system.
- Document issues related to data management and usage, and leverage technology for improved statistical systems and processes.
- Hold workshops, training programmes, etc., on emerging technologies to build capacity in the Government.
- Any other assignments given by the seniors from time to time.

Manual 5

Duties and channel of submission of the Officers/Official of DM&A vertical:

Sl. No.	Item of Work	Channel of submission	Final level of Disposal
1	WEP/NDAP	RA/SO/AD/Sr. Specialist- Sr. Adviser	CEO
2	Analysis and management of Data, implementation of various Frontier Technologies, project supervision and Management, coordination of various polices and pilot	SO/AD/ - Sr. Adviser	CEO

	projects undertaken by Vertical.		
3	Payment to different vendors	RA/SO/AD/Sr. Specialist- Sr. Adviser	CEO AS&FA
4	Parliament/Assurances	RA/AD-Sr. Adviser	MoS Planning
5	RTI	RA- AD	Sr. Adviser
6	Public Grievance	RA/AD	Sr. Adviser

Manual -9

Details regarding Committees/Working Groups

(i).Constitution of Scientific Advisory Council for NITI Aayog – Wadhvani AI Anthropometry Project : The Frontier Technology Vertical of NITI Aayog is collaborating with Wadhvani AI to undertake a pilot projects on Artificial Intelligence enabled Smartphone based Anthropometry solution developed by Wadhvani AI to identify low-birth-weight in babies from the images and video collected from a phone/tablet, thereby improving their chance to get access to timely medical interventions and a consequent healthy life.

(ii) Setting up of Data & Strategy Unit & Action Plan: In order to create better mechanisms for digitization of processes related to implementation and monitoring of Central Sector/Centrally Sponsored Schemes and other non-schematic interventions of Ministries/Departments, an institutional mechanism in the form of a “Data and StrategyUnit” may be set up within each Ministry/Department. The Data and Strategy Unit shall drive the process of building and harnessing existing as well as augmenting the monitoring, statistical, technological and data analytics capabilities of the respective Ministry/ Department. Accordingly, it is proposed to set up a Data Strategy Unit (DSU) in NITI Aayog which will be headed by Ms. Anna Roy, Sr. Adviser, DM&A who would report to CEO NITI Aayog.

(iii). Constitution of Expert Committee to formulate a National Cancer Biobank Scheme : National Strategy for Artificial Intelligence set forth a roadmap to facilitate AI research and innovation in India to solve country’s pressing problems of access, availability and affordability. This was envisaged to be achieved via creation of foundational datasets for AI, access of these datasets through platforms and data marketplace, computation infrastructure and data sharing mechanisms. A pathway towards democratization of data as envisioned by the strategy proposes Government's enabling hand towards creation of such framework. Paucity of funding has often been quoted as a barrier to Indigenous research in the field of Cancer genomics and imaging bio-banks. Given the public good nature of these resources a Government funded scheme that enables building of these mass data base will be revolutionary for the Indian R&D ecosystem, especially for the start-up community. To address this gap, a proposal to draft a National Cancer Biobank Scheme has been proposed.

It is envisioned that this scheme may serve as a blueprint for other health-sector databases and prove to be an actionable guide-map towards creation and democratization of

foundational datasets to empower AI research in the country. In this regard, an Expert Committee is proposed to be constituted to develop modality of implementation, data privacy requirements, standards, sharing protocols, outcome parameters, etc

(iv). Constitution of Working Group to streamline procurement of Drones-As-A-Service: Union Budget 2022-23 proposed that Startups will be promoted to facilitate 'Drone Shakti' through varied applications and for Drone-As-A-Service (DrAAS). For this purpose, the required courses for skilling will be started in select ITIs, in all states. NITI Aayog is the nodal organization for implementation of the announcement in consultation with the Ministry of Civil Aviation. A Working Group has been constituted to finalize the proposed framework for implementation of the budget announcement.

(v) Constitution of Task Force on Indian Statistical System: A Roundtable discussion was held on March 29, 2022, under the chairmanship of Vice Chairman NITI Aayog to discuss data-related issues in India in the context of recommendations of the World Development Report (WDR) 2021. In the meeting, it was decided to constitute a Taskforce to examine issues relating to Indian statistical systems and creating a cohesive strategy for leveraging data for governance

Manual 18

Details regarding Foreign and domestic official tours performed by Sr. Adviser DM&A:

Sl. No.	Date	Departure	Destination
1	14.09.2021 to 15.09.2021	New Delhi	Mumbai
2	01.12.2021 to 02.12.2021	New Delhi	Hyderabad
3	08.12.2021	New Delhi	Delhi- Mumbai - Delhi
4	21.12.2021-22.12.2021	New Delhi	Jaipur
5	08.03.2022 to 12.03.2022	New Delhi	London (England)
6	07.04.2022 to 09.04.2022	New Delhi	Bengaluru