



Anna Chakra

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In News: The Department of Food and Public Distribution (DFPD) has been named a **finalist for the 2026 Franz Edelman Award** for its **Anna Chakra** initiative.

Anna Chakra

- **Type:** Supply chain optimisation tool
- **Sector:** Public Distribution System (PDS)

About Anna Chakra

- An **operations research-based decision support system** to optimise **state-wise food grain logistics** under the **Public Distribution System (PDS)**.
- Focuses on **efficient movement, routing, and distribution** of food grains across the supply chain.

Key Features

1. Uses **advanced algorithms and analytics** to:
 - Identify **optimal transportation routes**
 - Reduce **logistics cost and delays**
 - Ensure **seamless inter-state and intra-state movement** of food grains
1. **Integrated with national logistics platforms:**
 - **PM Gati Shakti**
 - **FOIS (Freight Operations Information System)** of Indian Railways
 - **Via Unified Logistics Interface Platform (ULIP)**

Institutional Collaboration

Developed through a **Government–UN–Academia partnership**:

- Department of Food and Public Distribution (DFPD)
- **UN World Food Programme (WFP), India**
- **IIT Delhi**

Significance

1. Improves **efficiency, transparency, and reliability** of PDS logistics
2. Reduces **wastage and transit inefficiencies**
3. Strengthens **food security** through data-driven governance
4. Example of **advanced analytics in public policy**

Franz Edelman Award

Kamaraj IAS Academy

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040
Phone: **044 4353 9988 / 98403 94477 / Whatsapp : 09710729833**

1. Recognizes **high-impact applications of operations research and analytics**
2. Known as the “**Nobel Prize of Operations Research**”
3. Awarded for excellence in **management science and advanced analytics**
4. **Prize Money:** USD 10,000