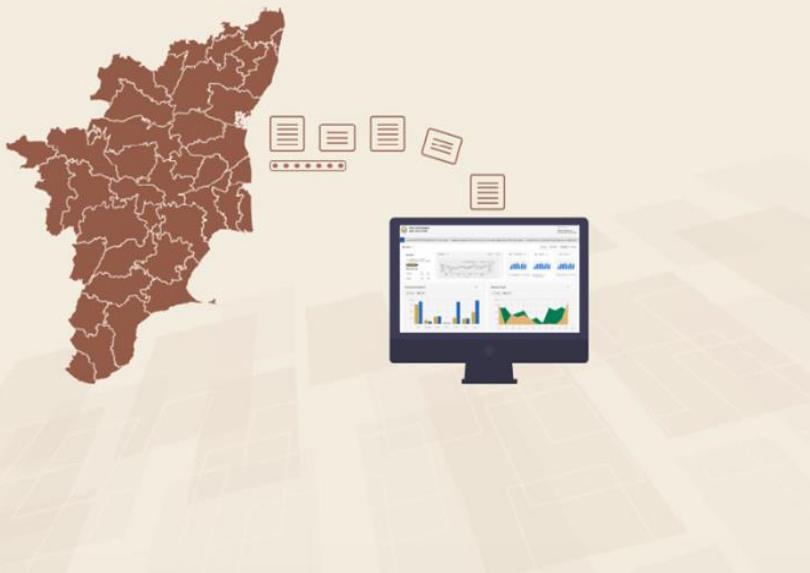


Tamil Nadu Financial Analytics System (TNFAS)

User Guide

 **TAMIL NADU FINANCIAL ANALYTICS SYSTEM**
தமிழ்நாடு நிதி பகுப்பாய்வு அமைப்பு

An Initiative by
Finance Department
Government of Tamil Nadu



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Version
2.0.01

Designed, Developed and Maintained by
KS Smart Solutions Pvt. Ltd.

Contents

1	Introduction	3
1.1	Key features of TNFAS.....	3
1.2	Purpose	4
1.3	Scope	5
1.4	Audience.....	6
1.5	Revision Table.....	7
2	User Roles.....	8
2.1	Administrator.....	8
2.2	Standard User	8
3	Getting Started with TNFAS.....	10
3.1	TNFAS Homepage	10
3.2	TNFAS Dashboard	10
4	Overview of the Dashboard Menu	15
4.1	News.....	15
4.2	Reports.....	17
4.3	Newsletter.....	19
5	Detailed Analysis	21
6	Newsfeed.....	23

1 Introduction

The **Tamil Nadu Financial Analytics System (TNFAS)** is an advanced software platform developed to support in-depth analysis of the financial data of the state. It provides a unified view of key fiscal elements, including **budget allocations, expenditure patterns, revenue generation**, and critical **economic indicators** relevant to the State of Tamil Nadu, India. Designed with the needs of financial analysts, government officials, and decision-makers in mind, TNFAS aims to strengthen transparency, efficiency, and accountability in public financial management.

This user manual is intended to guide users through the full range of features and functionalities offered by TNFAS. It includes step-by-step instructions on **navigating the interface, managing data inputs, processing financial records, generating insightful reports**, and interpreting analytics for strategic planning. Each section of the manual is structured to offer clear and practical guidance, ensuring that users at all levels can confidently leverage the system's capabilities.

We hope that this manual will be a valuable resource in unlocking the full potential of TNFAS. By using this platform effectively, users will be empowered to make **data-driven decisions** that support effective governance and fiscal responsibility. If you have any further questions or require assistance, please contact our dedicated support team.

1.1 Key features of TNFAS

The Tamil Nadu Financial Analytics System (TNFAS) is equipped with a wide range of features that enable comprehensive financial analysis, effective governance, and data-driven decision-making across government departments. The key features include:

- **Data Integration**

TNFAS seamlessly integrates financial data from various government departments and associated stakeholders to present a unified view of the state's financial performance.

- **Intuitive Dashboard Interface**

The software provides an interactive and user-friendly dashboard that displays critical financial data including economic surveys, inflation rates, growth indicators, and revenue receipts through visually engaging charts, graphs, and tables.

- **Dynamic Chart Creation**

Users can generate customized charts by selecting relevant datasets, choosing appropriate chart types, and configuring settings to visualize financial trends and insights effectively.

- **Revenue Monitoring**

The system tracks various revenue streams such as taxes, grants, and other income sources, helping policymakers assess fiscal health and plan resource allocation more effectively.

- **Governance and Compliance Support**

TNFAS includes features to ensure adherence to financial regulations and governance frameworks, promoting transparency, accountability, and sound fiscal management.

- **Customization and Scalability**

The platform offers flexible customization to meet the unique needs of different departments or user groups and is scalable to handle growing data volumes and analytical demands.

1.2 Purpose

The **Tamil Nadu Financial Analytics System (TNFAS)** is developed to serve as a unified and intelligent platform that supports the financial planning, analysis, and decision-making needs of various departments under the Government of Tamil Nadu. The primary purpose of TNFAS is to empower government officials with the ability to efficiently analyze, manage, and report financial data through a streamlined and data-driven approach.

TNFAS fulfils multiple critical objectives:

- **Comprehensive Financial Analysis and Reporting:**

The platform equips users with powerful tools to conduct in-depth financial analysis, such as trend evaluation and performance monitoring. It also provides dynamic and customizable reports and dashboards that help visualize financial trends, making it easier for decision-makers to understand key financial metrics and performance indicators.

- **Enhancing Transparency and Accountability:**

TNFAS promotes good governance by offering greater visibility into financial operations, including expenditures and transactions. This transparency supports accountability at all administrative levels and helps in identifying and addressing potential cases of financial misuse or inefficiency.

- **Integrated Financial Data Management:**

TNFAS acts as a centralized platform that integrates financial data from multiple departments, agencies, and government entities. It standardizes and organizes this data for better accessibility, consistency, and reliability, ensuring that all stakeholders work with accurate and up-to-date information.

- **Supporting Informed Decision-Making:**

By transforming raw financial data into actionable insights, TNFAS serves as a decision-support system for financial analysts, policymakers, and administrators. The platform enables them to make data-driven decisions related to budgeting, planning, policy development, and resource distribution.

- **Improving Operational Efficiency:**

TNFAS enhances the efficiency of financial operations by automating data collection, analysis, and reporting processes. This leads to reduced manual effort, quicker turnaround times, and the identification of areas where resources can be better utilized or optimized for maximum impact.

Overall, the TNFAS platform is designed to strengthen financial governance in Tamil Nadu through advanced analytics, improved transparency, and strategic decision support.

1.3 Scope

This user manual provides a structured and practical guide for using the **Tamil Nadu Financial Analytics System (TNFAS)** software. It offers step-by-step instructions for entering financial data, processing that data, and generating meaningful analytical reports.

The manual is designed to support users across various departments of the Government of Tamil Nadu in effectively utilizing TNFAS for:

- **Financial Analysis:**

Understanding trends, assessing performance, and evaluating key financial metrics through built-in analytical tools.

- **Decision Support:**

Leveraging data insights to make informed and evidence-based decisions regarding budgeting, planning, and resource allocation.

- **Promoting Transparency:**

Enhancing financial accountability and visibility through organized data access and expenditure tracking.

This guide serves as a comprehensive resource to help users harness the full capabilities of TNFAS for efficient financial management and improved governance. It is intended for all authorized personnel involved in financial planning, monitoring, and analysis within the state government departments.

1.4 Audience

The TNFAS software is designed to serve a diverse group of users involved in financial planning, analysis, and governance in Tamil Nadu. The intended audience includes:

- **Government Officials:**

TNFAS provides comprehensive tools for financial analytics and reporting, specifically tailored to meet the operational and administrative needs of government departments and agencies in Tamil Nadu.

- **Financial Analysts:**

Professionals engaged in budgeting, forecasting, and financial analysis can leverage TNFAS to gain actionable insights and support strategic financial decision-making.

- **Policy Makers:**

TNFAS assists policymakers by offering data-driven insights that support effective budget allocation, resource management, and policy formulation across sectors.

- **Business Owners:**

Enterprises operating within Tamil Nadu may utilize TNFAS to analyze financial data, monitor economic indicators, and enhance their decision-making processes through informed financial insights.

- **Researchers and Academics:**

Researchers studying public finance, economic trends, or governance in Tamil Nadu can use TNFAS as a reliable platform for accessing and interpreting financial data.

1.5 Revision Table

Version	Release Date	Description
1.0.0	3, June 2024	Initial Release
2.0.0	8, December 2025	Economic Indicator Summary Dashboard, Daily/Weekly Newsletter, and Integration of All Phase One Data.

2 User Roles

The Tamil Nadu Financial Analytics System (TNFAS) software defines specific user roles to ensure secure, efficient, and role-based access to system features. Each role is associated with specific responsibilities and access privileges to maintain data integrity and proper workflow. TNFAS primarily supports two key user roles:

2.1 Administrator

The **Administrator** has full access to all functionalities within TNFAS and is responsible for the overall management and configuration of the system.

Key responsibilities include:

- Managing user accounts, including creating, modifying, and deleting users.
- Assigning user roles and defining permissions.
- Configuring system settings and maintaining software integrity.
- Managing data access levels across departments or user groups.
- Customizing the visual representation of financial data through dashboards and charts.
- Editing chart properties and updating analytics dashboards based on department-specific needs.

Administrators act as the central point of control and ensure the system functions efficiently while maintaining data security and user access compliance.

2.2 Standard User

The **Standard User** has access limited to specific operational tasks relevant to their assigned department or role.

Key capabilities include:

- Entering financial data and performing relevant data processing tasks.
- Conducting financial analysis using available tools and generating reports.
- Accessing dashboards and visualizations relevant to their department.
- Viewing only permitted or non-sensitive data based on assigned access levels.

Standard users play a crucial role in daily financial data operations and reporting while operating within the permissions set by the administrator.

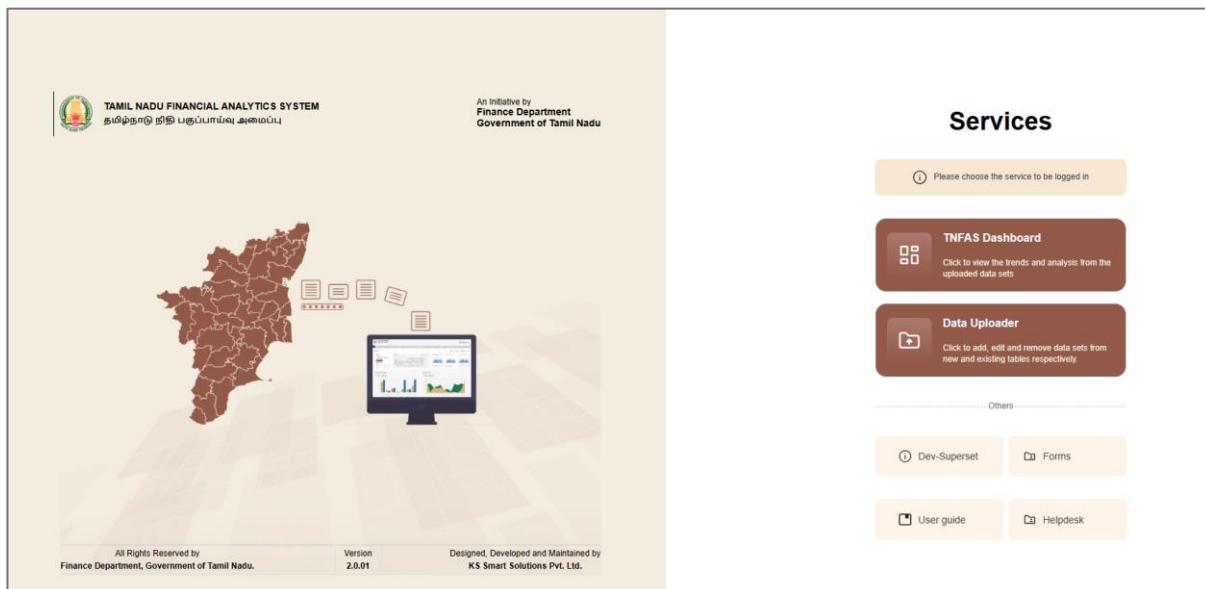
3 Getting Started with TNFAS

3.1 TNFAS Homepage

The TNFAS homepage provides access to two core services: **TNFAS Dashboard** and **Data Uploader**. These features allow both administrators and standard users to perform key functions such as viewing statistical data and uploading financial information. Follow the steps below to access the **TNFAS Homepage**:

1. Open a web browser.
2. In the address bar, type <https://tnfas.tn.gov.in>, and then press **Enter**.
3. On the results page, select the appropriate link to open the TNFAS website.

The **Services** page appears. This page serves as the homepage of the TNFAS application.



3.2 TNFAS Dashboard

The **TNFAS Dashboard** provides a centralized view of key financial metrics across various departments of the Government of Tamil Nadu. It offers real-time visibility into essential data such as revenue, expenditures, and profitability, enabling users to quickly assess the financial status of different sectors.

Presented in a visually engaging format, the dashboard uses a variety of charts and graphical representations to make complex financial information easy to understand. These visualizations help users identify trends, monitor performance, and support data-driven decision-making.

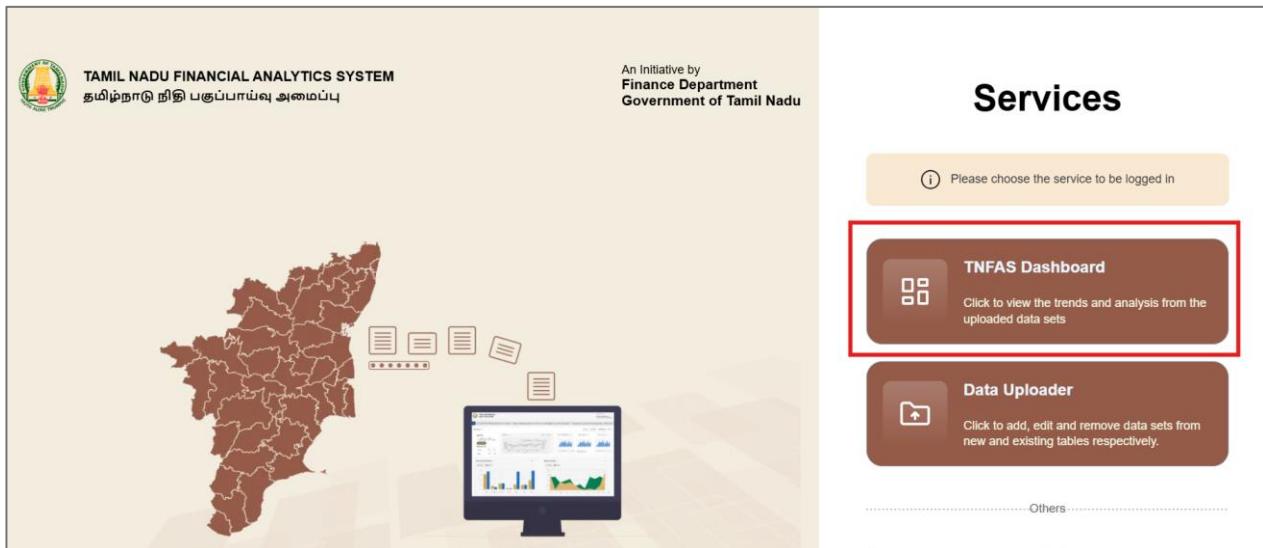
The dashboard displays a collection of charts and their corresponding datasets, which are created and maintained by different government departments.

- **Administrators** have full control over dashboard content—they can create new dashboards, edit existing charts, and delete outdated data visualizations.
- **Standard users** have view-only access, allowing them to explore all published dashboards without modifying the content.

This feature serves as a powerful tool for enhancing transparency, improving financial oversight, and fostering informed governance.

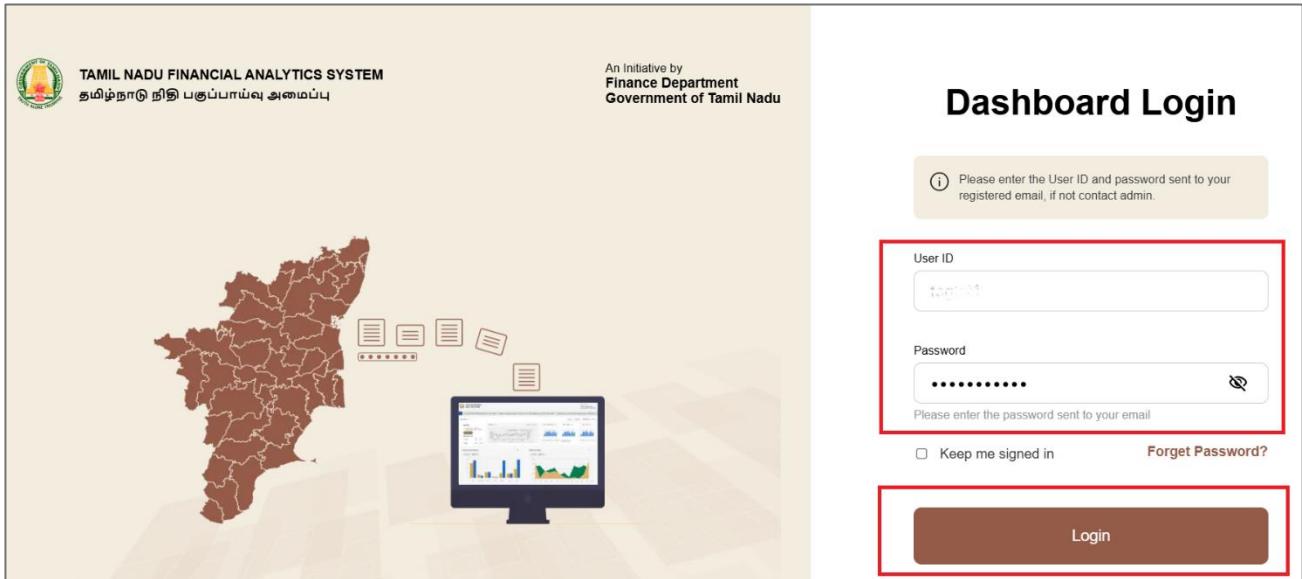
To access TNFAS Dashboard:

1. Open a web browser.
2. In the address bar, type <https://tnfas.tn.gov.in> and press **Enter**.
3. On the results page, select the appropriate link to open the TNFAS website.
The **Services** page appears.
4. On the **Services** page, select **TNFAS Dashboard**.
The **Dashboard Login** page appears.



5. On the **Dashboard Login** page, enter your **User ID** and **Password** in the respective fields, and select **Login**.

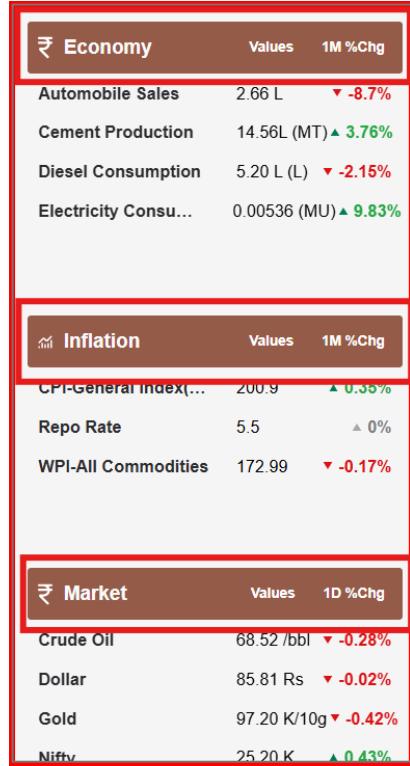
The **TNFAS Dashboard** page appears.



6. Select **Forgot Password** to reset your password.

The TNFAS dashboard displays various indices such as Economy, Inflation, etc., along with their corresponding indicators, current values, and percentage changes over different timeframes. The percentage change is represented for the following intervals:

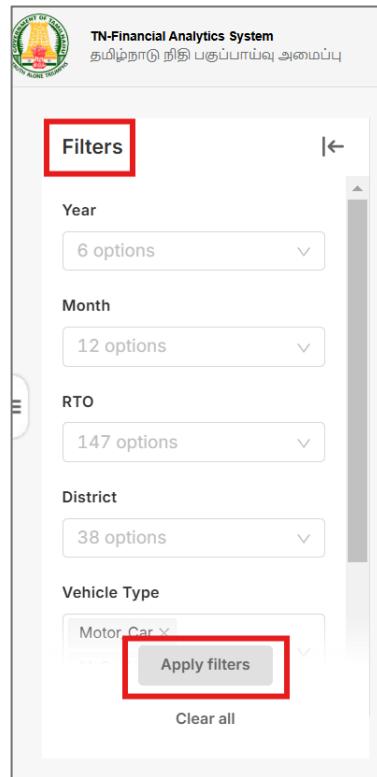
- **1D** – Daily change
- **1W** – Weekly change
- **1M** – Monthly change



7. Select an indicator within any index section to view its detailed statistical report in a graphical format.



8. In the **Filters** section, enter values in the desired fields and select **Apply Filters** to filter the results.



9. Select the  icon on the left side of the page to show or hide other indicators.

Source : Comm. of Transport

Insights:

- The chart highlights monthly vehicle registration trends in Tamil Nadu, showing motor car registrations peaked at 26.8K in October 2023, while the lowest was recorded at 17 in April 2020. Similarly, motorcycle and scooter registrations reached a high of 1.41 lakh in January 2024, with the lowest at 493 in April 2020.
- Under district-wise vehicle registration, Chennai recorded the highest at 7.56 lakh, followed by Coimbatore (5 lakh) and Tiruvallur (4.36 lakh), whereas Nilgiris had the lowest with 36.6K registrations.
- Vehicle registrations surged in October 2023, particularly before November 8th, as buyers rushed to register vehicles ahead of the new vehicle tax hike. Following the implementation of higher motor vehicle taxes and charges from November 9, 2023, the transport department's earnings increased significantly from January 1 to June 30, 2024, compared to the same period the previous year. This rise was driven by

4 Overview of the Dashboard Menu

4.1 News

The **News** menu in the TNFAS dashboard provides users with the latest news updates relevant to the selected indices. This feature helps users stay informed about current events and trends that may impact the financial and economic indicators displayed on the dashboard.

To view News:

1. On the **TNFAS Dashboard** page, select **News** from the menu bar.

The **News** page appears.

The screenshot shows the TNFAS Dashboard with the 'News' menu bar item highlighted. The main content area displays various data panels and a central chart. The chart, titled 'Headline Inflation in Advanced Economies', shows a line graph with data points from April 2023 to July 2024. The news feed at the bottom lists three articles related to inflation.

Headline Inflation in Advanced Economies

Index	Value	1M %Chg
Automobile Sales	2.66 L	▼ -8.7%
Cement Production	14.56L (MT)	▲ 3.76%
Diesel Consumption	5.20 L (L)	▼ -2.15%
Electricity Consu...	0.00536 (MU)	▲ 9.83%

Index	Value	1M %Chg
CPI-General Index(...	200.9	▲ 0.35%
Repo Rate	5.5	▲ 0%
WPI-All Commodities	172.22	▼ -0.45%

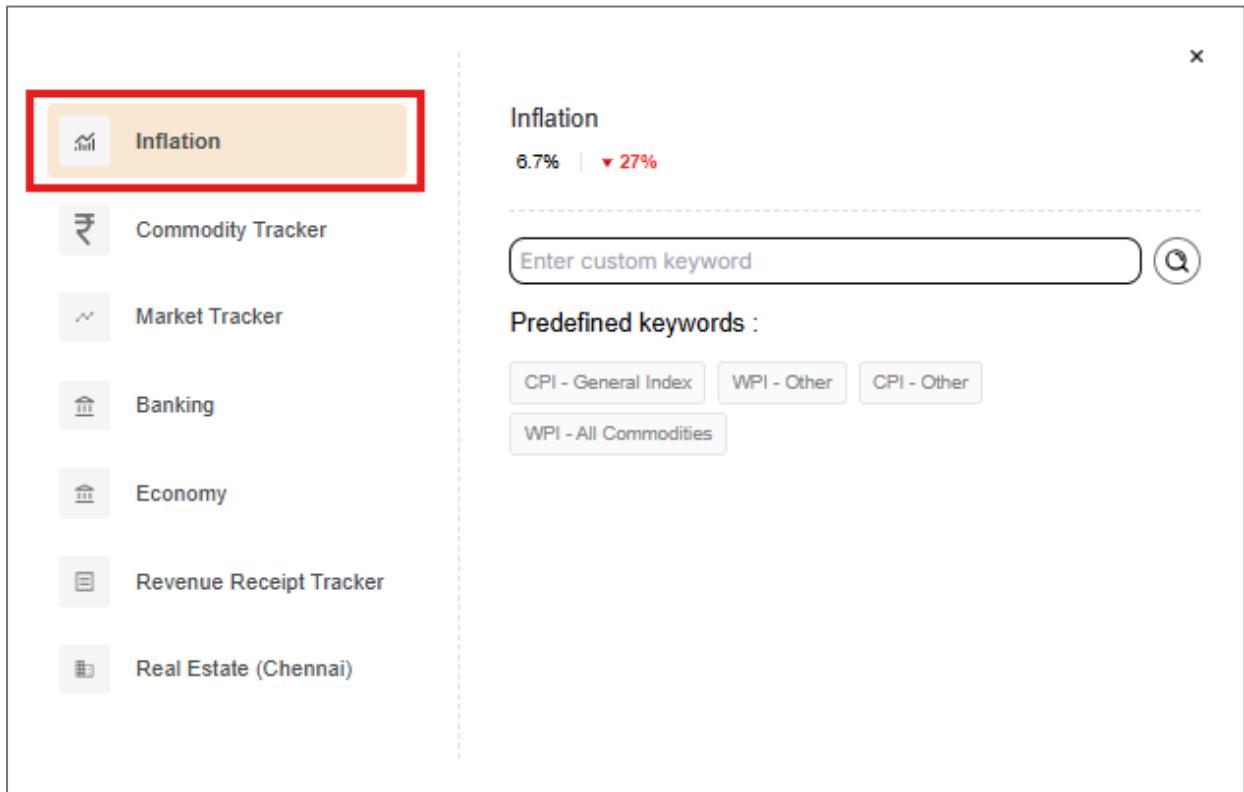
Index	Value	1M %Chg
Crude Oil	69.21 /bbl	▼ -0.26%
Dollar	86.22 Rs	▲ 0.03%
Gold	98.35 K/10g	▲ 0.56%
Nifty	25.00 K	▼ -0.44%

Index	Value	1M %Chg
CD Ratio	N/A	▲ 0%
Credit	N/A	▲ 0%
Interest Rate	N/A	▲ 0%
MCLR	7.95%	▲ 0%

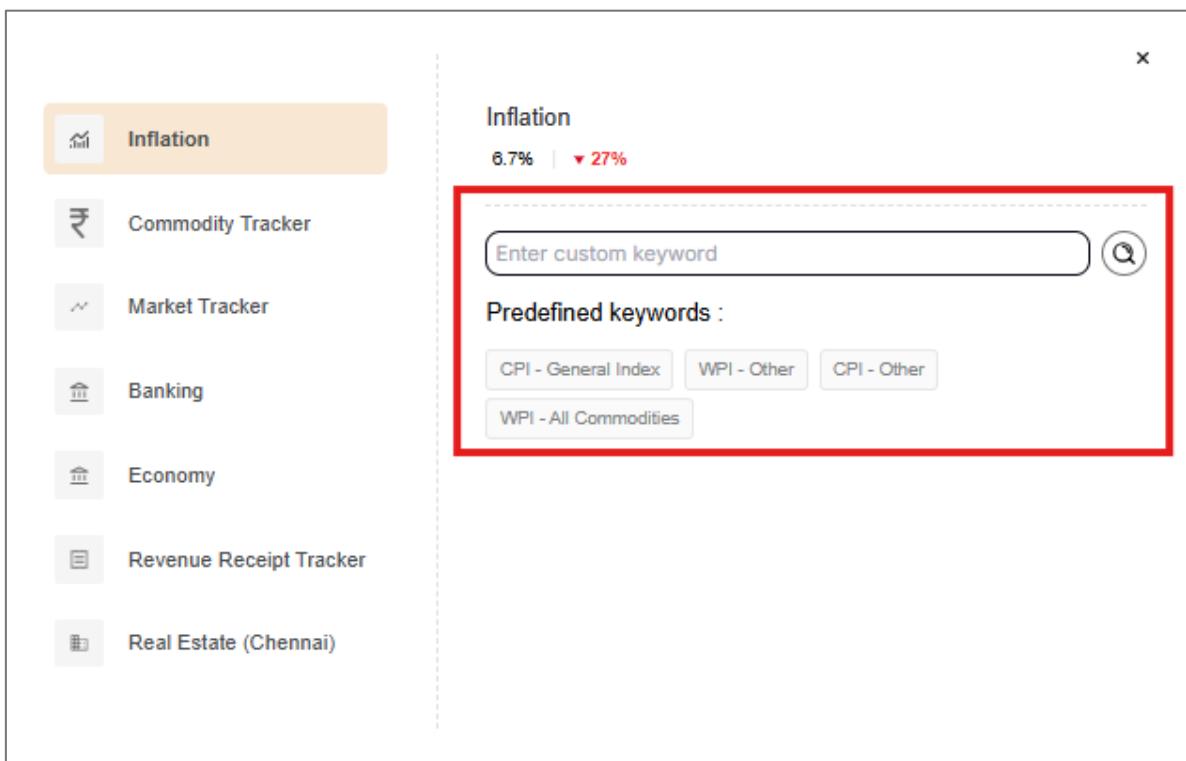
News Feed:

- Inflation** 20/07/25: Firing Powell Would Shatter the Economy's Inflation Defenses - WSJ - The Wall Street Journal
- Inflation** 21/07/25: Explained: Why food inflation may remain low - The Indian Express
- Inflation** 21/07/25: India's headline inflation hides a precious detail - CNBC TV18

2. On the **News** page, select the desired **Index**.



3. In the **Search** field, enter a keyword to view related news, and select the **Search** icon or choose a keyword from the predefined list displayed below the search field.



News articles related to the selected keyword will be displayed, with the most recent news appearing first.

4.2 Reports

The **Reports** menu in the TNFAS Dashboard provides access to the various detailed reports in PDF format. Users can view and download reports based on the selected options within the menu.

To view Reports:

1. On the **TNFAS Dashboard** page, select **Reports** from the menu bar.

A dropdown menu appears, displaying the available reports.

2. Select a report from the dropdown menu.

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₹ Economy Values 1M %Chg

PLFS	N/A	▲ 0%
Rainfall	276 (mm)	▼ -90.85%
Reservoir	3.08 K (ft)	▼ -0.4%
UPI Transactions	N/A	▲ 0%

₹ Commodity Values 1M %Chg

Dal	121.0 /kg	▼ -0.82%
Onion	26.0 /kg	▲ 0%
Palm Oil	132.00 /L	▲ 0%
Potato	33.0 /kg	▲ 0%

₹ Inflation Values 1M %Chg

CPI-General index(...	200.9	▲ 0.35%
Repo Rate	5.5	▲ 0%
WPI-All Commodities	172.22	▼ -0.45%

₹ Market Values 1D %Chg

Crude Oil	68.52 /bbl	▼ -0.28%
Dollar	85.81 Rs	▼ -0.02%
Gold	97.20 K/10g	▼ -0.42%
Nifty	52.20 K	▲ 0.43%

₹ Real Estate Values 1M %Chg

Building Plan Com...	N/A	▲ 0%
Completion Certific...	57	▼ -9.52%
DMA	101.8 Cr	▼ -50.51%
DRDA	16.3 Cr	▲ 7.32%

₹ Revenue Values 1M %Chg

Excise	N/A	▲ 0%
GST	N/A	▲ 0%
Mines	N/A	▲ 0%
Motor Vehicle	60.7 Cr	▲ 37.02%

Monthly Economic Report

RBI Bulletin

TN Economic Survey

Fiscal Health Index

Macro and Fiscal Landscape

Global Report

Jan 2024

Placeholder (Sample Data)

Headline Inflation in Advanced Economies

Placeholder (Sample Data)

Headline Inflation in Advanced Economies

1 L 10 L

14/07/25 16/07/25

News Feed:

AG Report Flags Revenue Deficit for Telangana Union Budget 2025: What are expenditure and revenue budgets? State's total revenue receipt

Procurement 14/07/25 Procurement 16/07/25

The PDF of the corresponding report opens in a new window.

rbidocs.rbi.org.in/rdocs/Bulletin/

0BULT19032025F9CCA0AB1F7294130A950E2FD5448B5FC.PDF

1 / 192

100%

RESERVE BANK OF INDIA

BULLETIN

4.3 Newsletter

The **Newsletter** menu in the TNFAS dashboard displays daily newsletters containing key updates on various indicators. These newsletters provide information on price movements and sales trends across daily, weekly, and monthly timeframes.

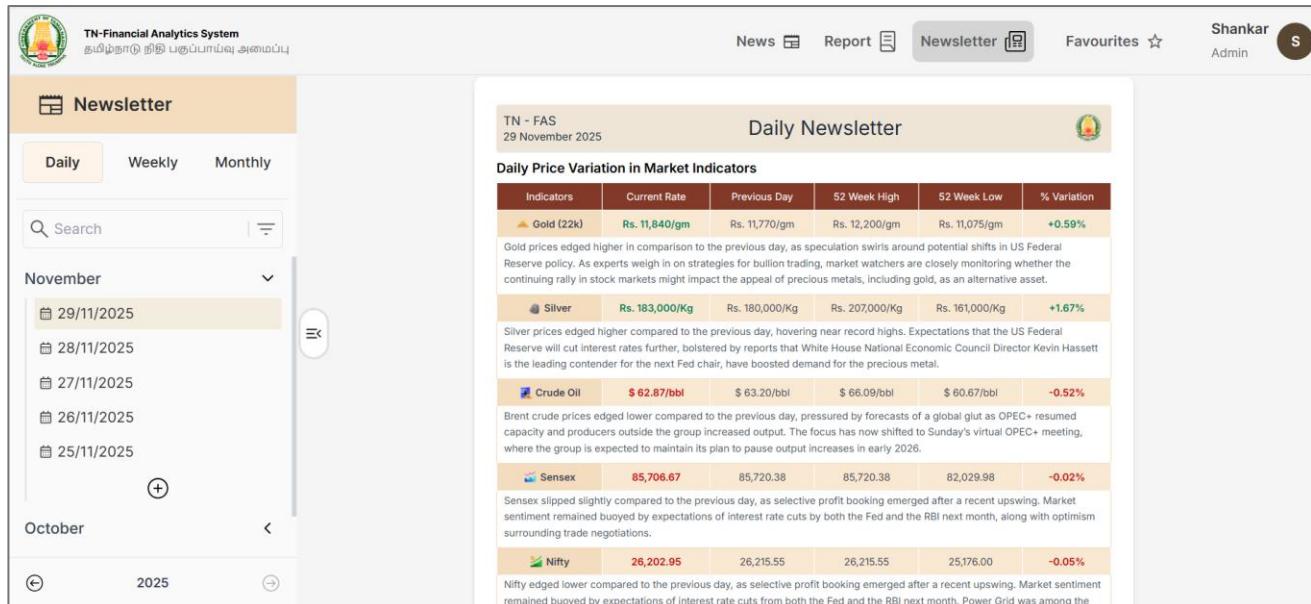
To view the Newsletter:

1. On the **TNFAS Dashboard** page, select **Newsletter** from the menu bar.

The **Daily Newsletter** page appears.

2. Select a newsletter to view its detailed content.

You can access newsletters on a **daily**, **weekly**, or **monthly** basis. For each option, you'll see a list of all the months in a year. You can then select a specific day, week, or month to view the newsletters released during that period.



Indicators	Current Rate	Previous Day	52 Week High	52 Week Low	% Variation
Gold (22k)	Rs. 11,840/gm	Rs. 11,770/gm	Rs. 12,200/gm	Rs. 11,075/gm	+0.59%
Silver	Rs. 183,000/Kg	Rs. 180,000/Kg	Rs. 207,000/Kg	Rs. 161,000/Kg	+1.67%
Crude Oil	\$ 62.87/bbl	\$ 63.20/bbl	\$ 66.09/bbl	\$ 60.67/bbl	-0.52%
Sensex	85,706.67	85,720.38	85,720.38	82,029.98	-0.02%
Nifty	26,202.95	26,215.55	26,215.55	25,176.00	-0.05%

3. Select **Export** at the top right corner of the page to download the newsletter.

4. Select the TNFAS logo on the left side of the page to return to the TNFAS Dashboard page.

5 Detailed Analysis

The **Detailed Analysis** feature in the TNFAS Dashboard provides users with an in-depth view of selected financial data. Upon selecting a specific data item, a comprehensive view is displayed, showcasing all relevant information sourced from Superset.

To access Detailed Analysis:

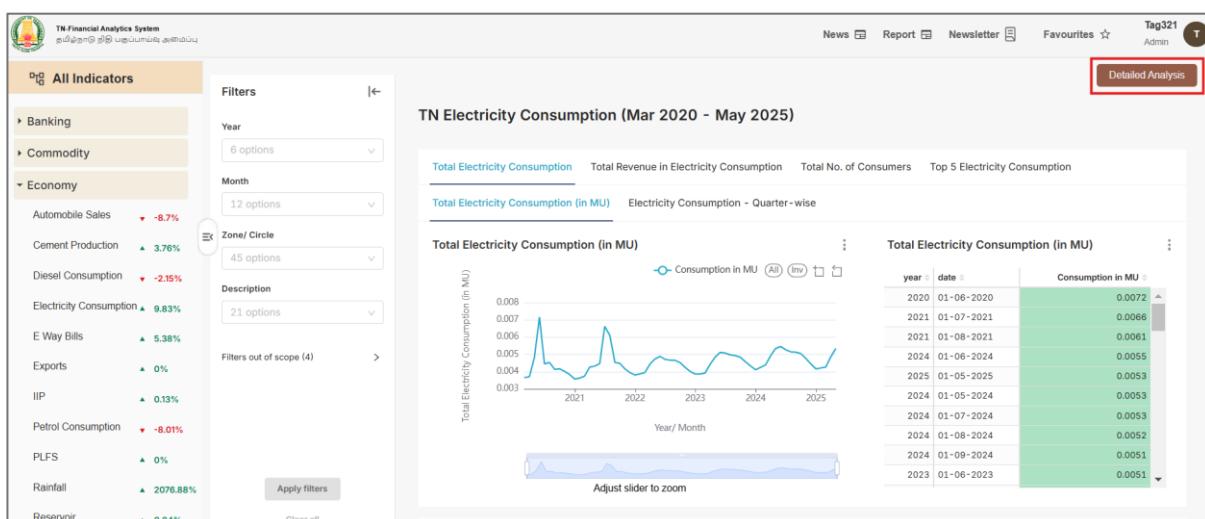
1. On the **TNFAS Dashboard** page, select an item from the **All Indicators** dropdown menu.
A comprehensive view of the selected item will be displayed.



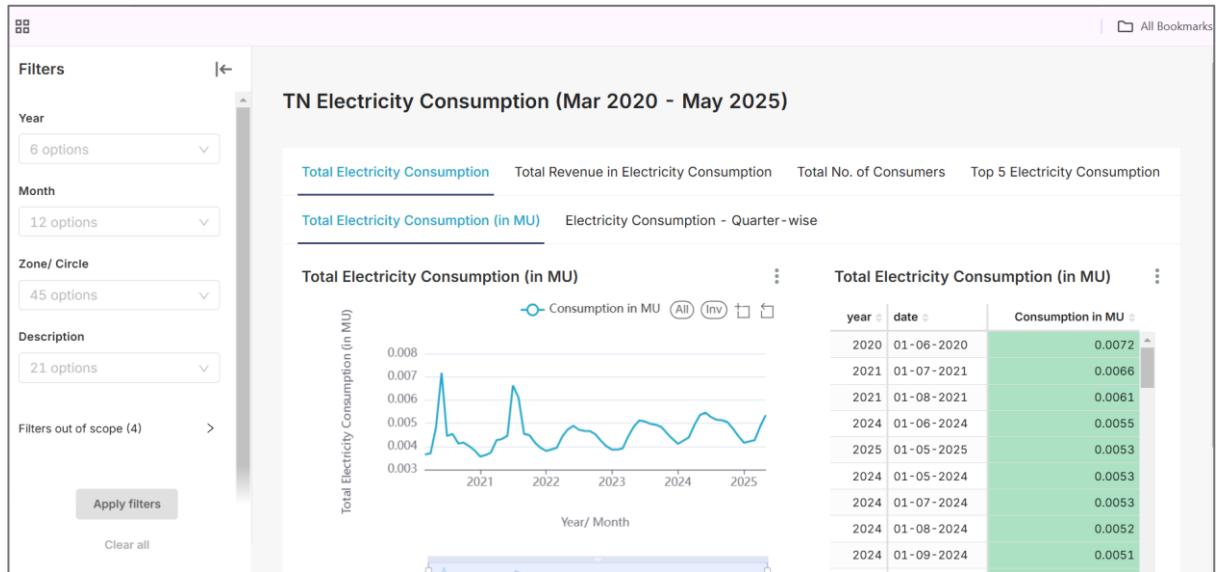
The screenshot shows the TNFAS Dashboard. On the left, the 'All Indicators' menu is open, with 'Electricity Consumption' selected and highlighted with a red box. The main content area is titled 'TN Electricity Consumption (Mar 2020 - May 2025)' and contains a line chart showing consumption in MU from 2021 to 2025, and a table of consumption data by year and date.

2. Select **Detailed Analysis** to open the content in a dedicated **Superset** page.

The dedicated Superset page for the selected item will appear.



The screenshot shows the TNFAS Dashboard. On the left, the 'All Indicators' menu is open, with 'Electricity Consumption' selected and highlighted with a red box. The main content area is titled 'TN Electricity Consumption (Mar 2020 - May 2025)' and contains a line chart showing consumption in MU from 2021 to 2025, and a table of consumption data by year and date. A red box highlights the 'Detailed Analysis' button in the top right corner of the content area.



6 Newsfeed

The **Newsfeed** section, located at the bottom of the **TNFAS Dashboard** page, provides users with real-time updates and news articles related to key financial and economic topics such as inflation, economic trends, procurement, and more. Each time the page is reloaded, a new set of relevant news articles is displayed, ensuring users stay informed with the latest developments impacting the state's financial landscape.

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News Report Newsletter Favourites Dashboard Admin

₹ Economy Values 1M %Chg

Automobile Sales	2.66 L	▼ -8.7%
Cement Production	14.56L (MT)	▲ 3.76%
Diesel Consumption	5.20 L (L)	▼ -2.15%
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Dollar	86.22 Rs	▲ 0.03%
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Nifty	25.00 K	▼ -0.44%

₹ Banking Values 1M %Chg

CD Ratio	N/A	▲ 0%
Credit	N/A	▲ 0%
Interest Rate	N/A	▲ 0%
MCLR	7.95%	▲ 0%

Monthly Economic Report [Full View Mode](#)

Financial Sector	Employment	External Sector	GDP
Global	Markets	Real Sector	Fiscal Development

Global Report [Jan 2024](#)

Headline Inflation in Advanced Economies

Jan 2024

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Inflation 21/07/25 Explained: Why food Inflation may remain low - The Indian Express

Inflation 21/07/25 India's headline inflation hides a precious detail - CNBC TV18

No data available