



User Guide

**Research Portal
User Manual**

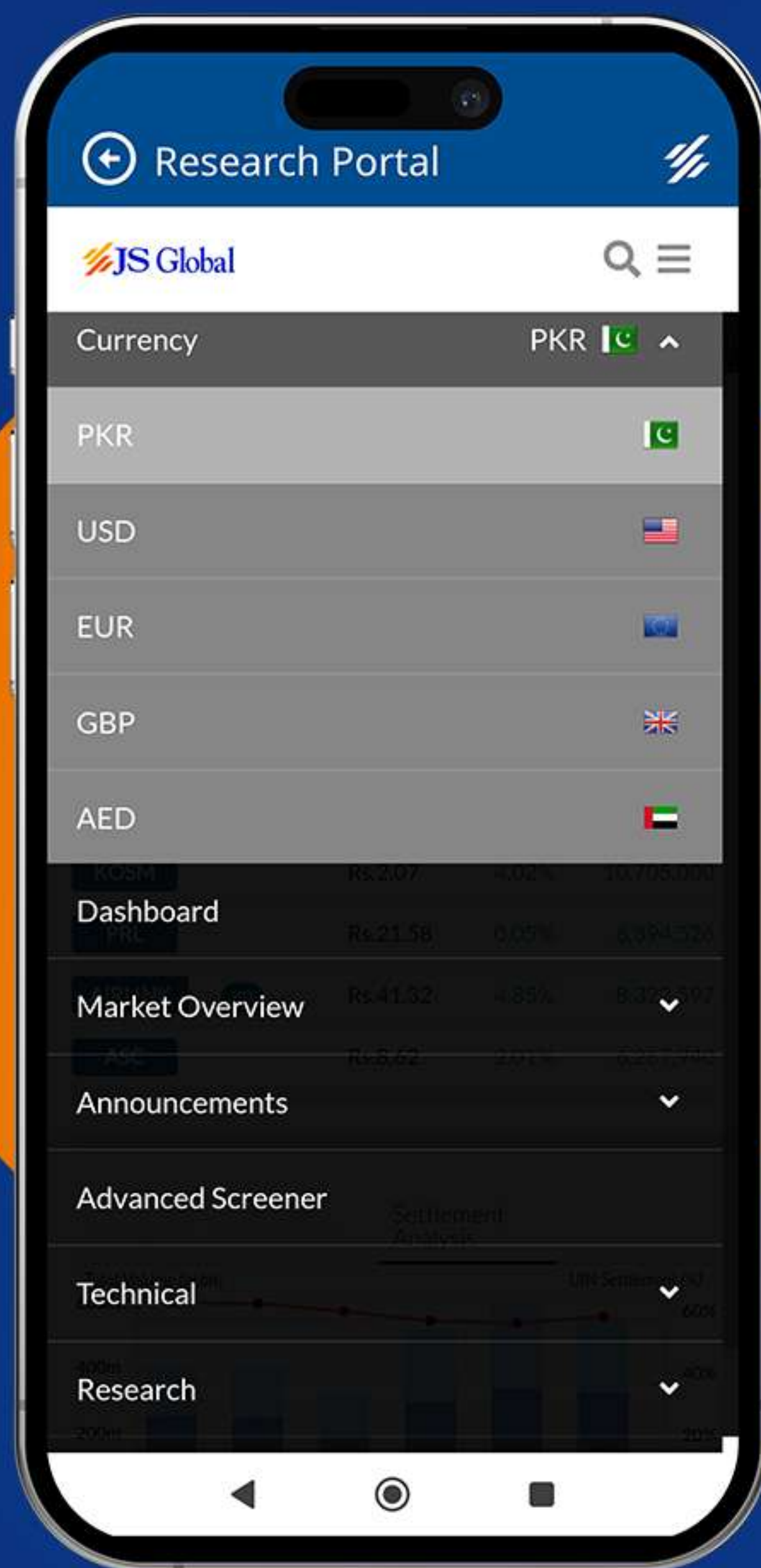
Welcome to your personal research and analysis portal by JS Global Capital Limited.

Your Research Portal offers the following features:

- Real-time market data
- Company and market fundamentals data
- Company and index technical data
- Technical charting
- Market Views:
 - Index Overview
 - Sectors Overview
 - Market Map
 - Insider Transactions
- Announcements data:
 - Corporate earnings
 - Board meetings
 - Payouts
- JS Global Research
- Advanced Screening tool



The **JS Global Research Portal** categorizes market information under various headings, which are accessible as menu items. These headings can be utilized both independently and in conjunction with one another. You can navigate to a specific page or section by using the menu bar.



Furthermore, the menu bar also has the following two powerful functionalities:

- Option to view the platform in 5 different currencies.
- Search any company directly using the search bar on the menu.

When a particular company is searched or clicked, you can have a detailed insight of it on the Company Page.

Overview:

A quick glimpse on recent financial performance. The radar chart allows comparison of companies within the same sector.

Profile:

All qualitative information including companies introduction, shareholding patterns, management profile, etc.

Performance:

Dig into financial performance of the company through various fundamental indicators. Hover on the indicator for meaning and calculation methodology.

Financials:

Complete annual and quarterly income statement and balance sheet.



Technical:

Selected indicators including pivot points, moving averages, etc.

News:

All news about the company published on the internet.

Announcements:

All material information announcement by the company broken into categories. Can search on desired date range.

Insider Transaction:

Trend of insider activity with a chart indicating date of activity. The table shows details of each transaction filed.

Payout:

Trend and history of payouts distributed by the company. Live dividend yield and comparison with sector average.

The Company Overview section provides a quick snapshot of the company. At a glance, you can monitor share price movements, daily and 52-week ranges, Intraday Support/Resistance levels, and various other essential indicators.



Clicking the '**Research Portal**' button will instantly take you to the Dashboard, where you'll find a comprehensive summary of key market information. During market hours, you can stay updated on live market activity, company movements, and the latest news. Financial results and research reports become available as soon as they are announced. After market hours, you can access fund flow and settlement details.

The Dashboard is divided into five main sections, each of which is explained below.

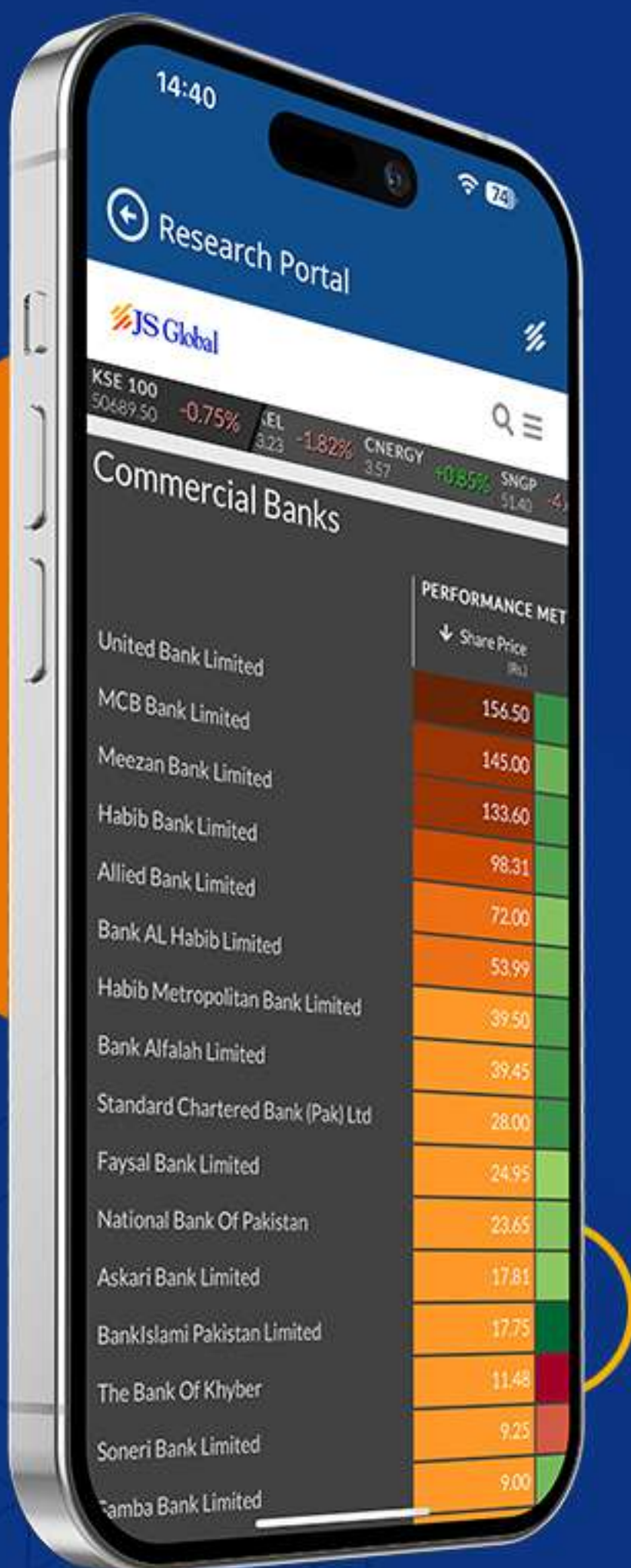
The Indices Chart provides both live and historical market views, allowing you to select different indices for your analysis.



Market Performance displays the top 5 companies by volume i.e. leaders, by percentage change i.e. Gainers and bottom 5 companies by percentage change i.e. Losers for the current trading session



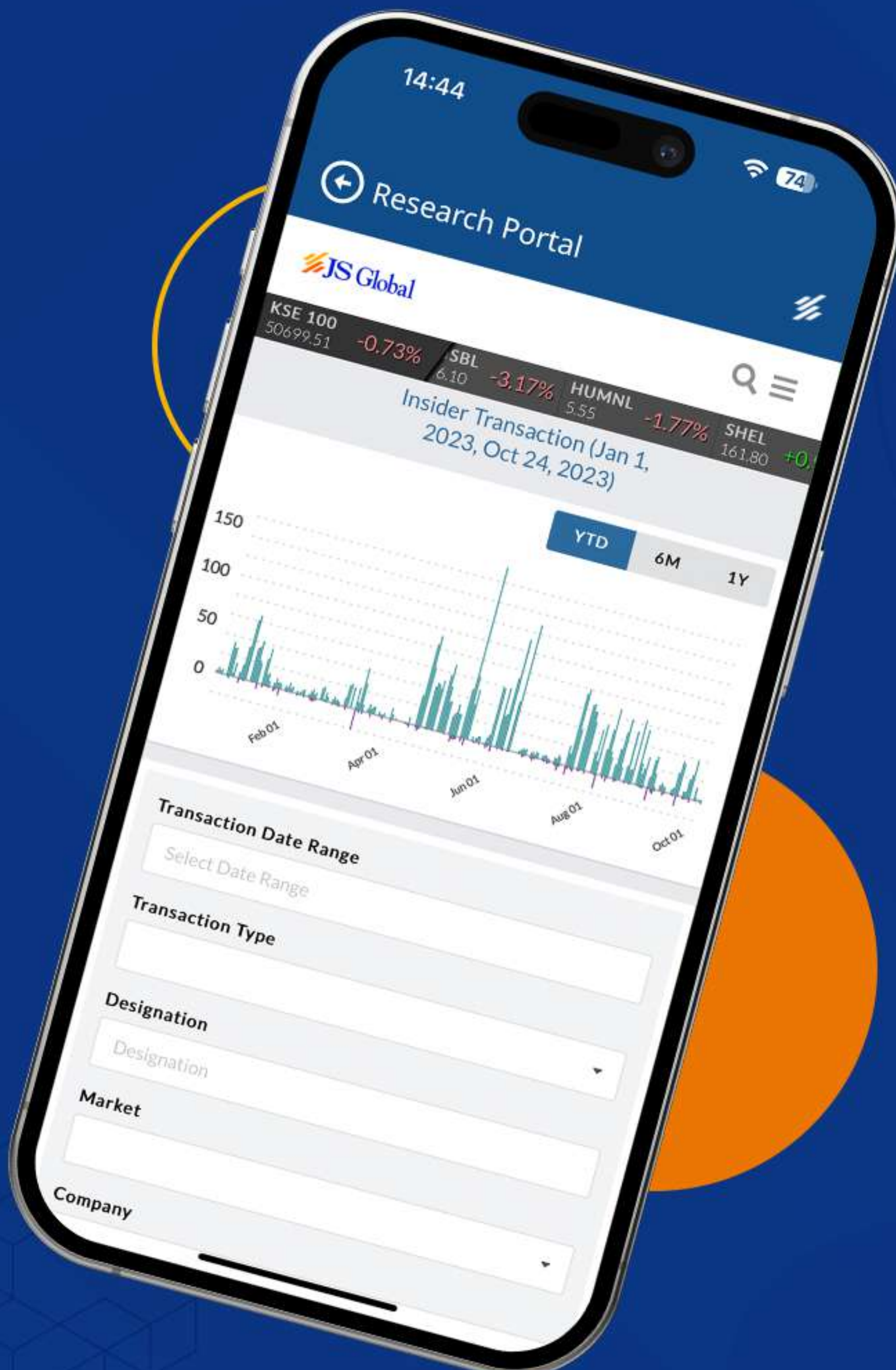
Sectors Overview page provides a holistic view of all the sectors listed on the stock exchange. Users can sort them according to market capitalizations and identify top performing sectors.



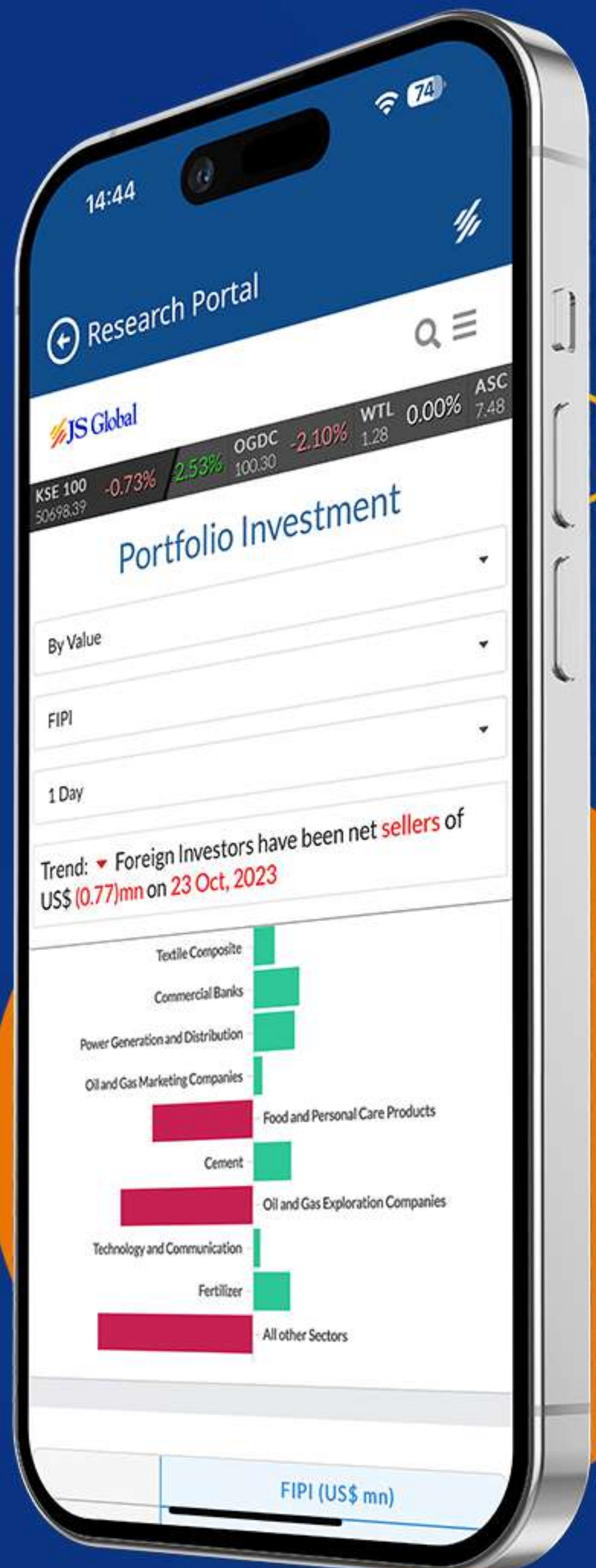
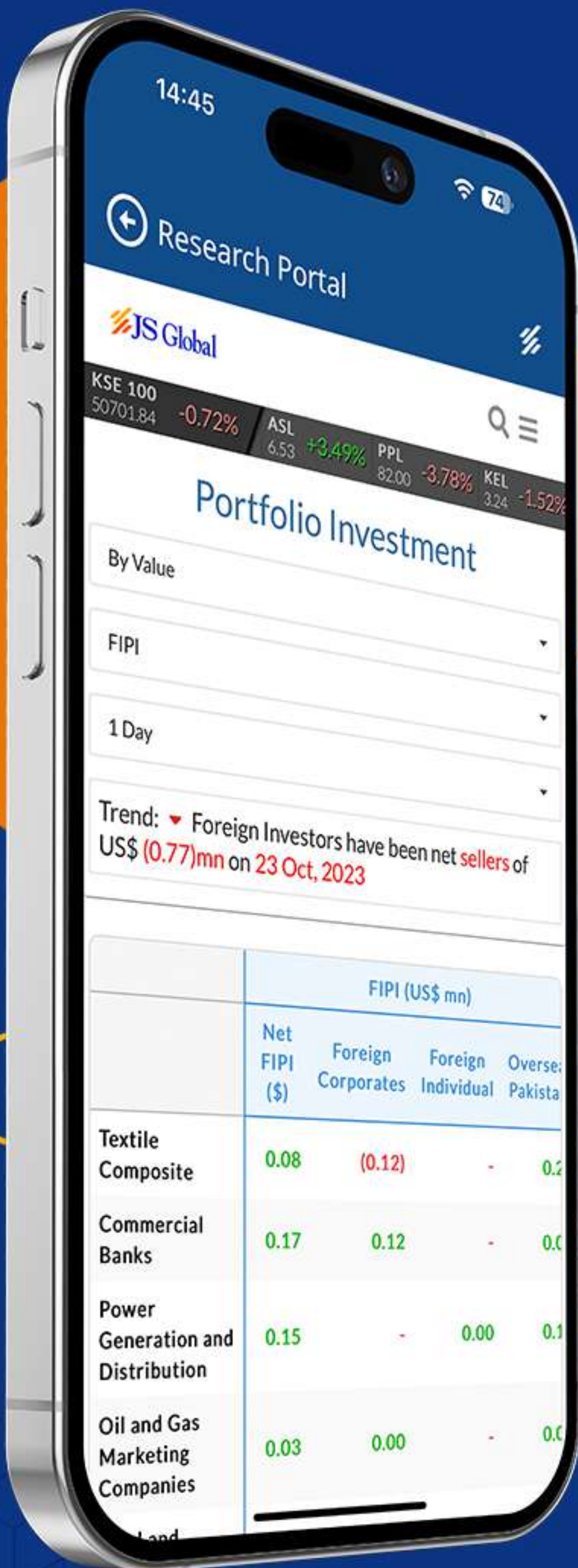
Click on a **sector** to compare the companies based on key performance and size metrics.

Insider Transactions gives details of every transaction carried out by an insider of listed companies. This tool shows a buy or sell trend of insiders of the company.

The chart on the top displays the count of buy and sell transaction for the period selected. The table below gives details of each and every transaction reported to the exchange. Companies can be sorted by the latest transaction reported or the highest activity in terms of the number of shares transacted during the selected period. You can also filter companies by buy and sell trend.



Portfolio Investments displays the buying and selling pattern of foreign and local investors. The trend can be seen in terms of volume and value over different time frames. The table below shows a detailed breakup of inflows and outflows in various sectors by different clients



The **Technical section** is lifeline for day traders. It equips them with charting tools and historical data for their analysis of both indices and individual stocks.

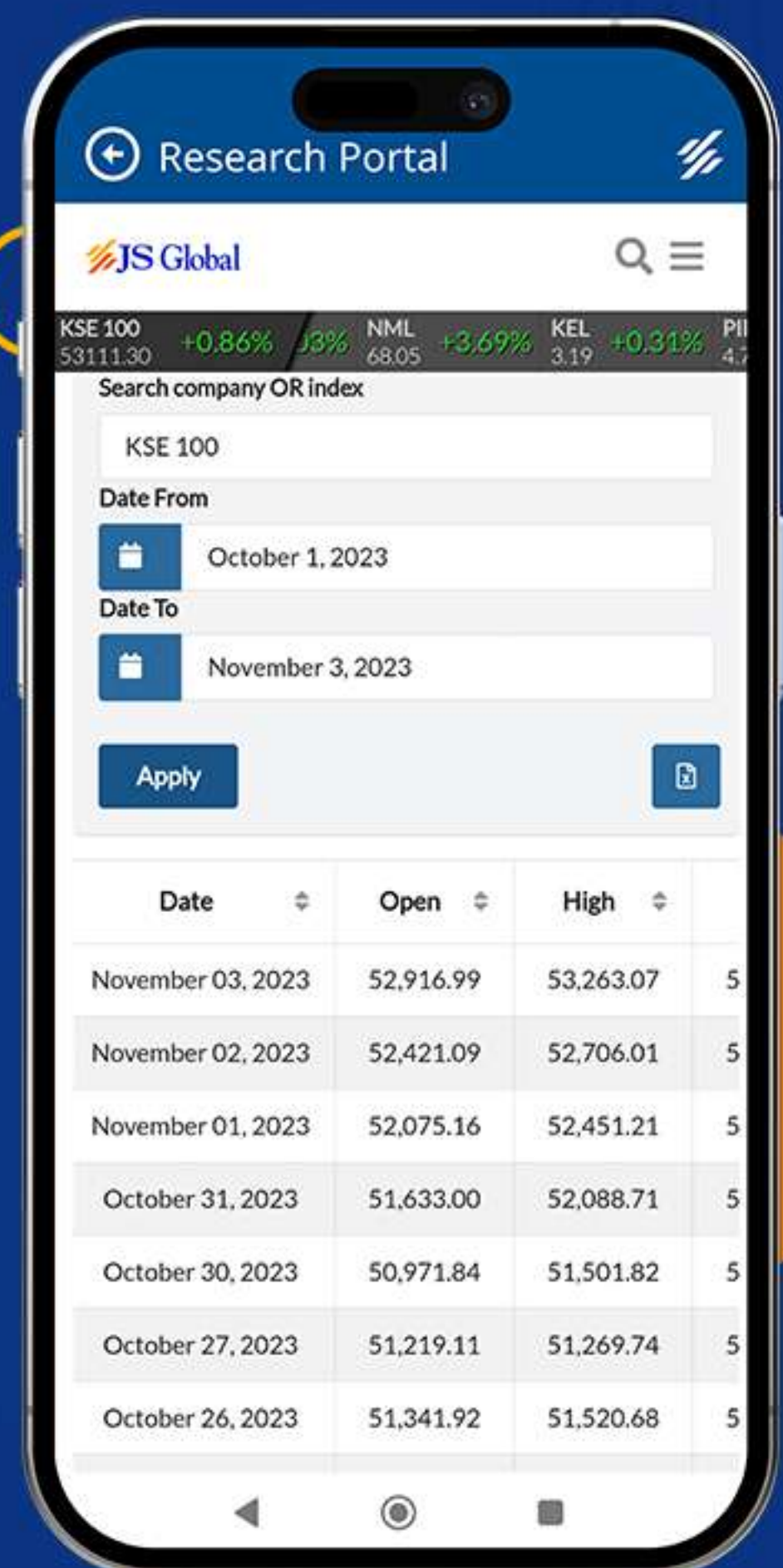
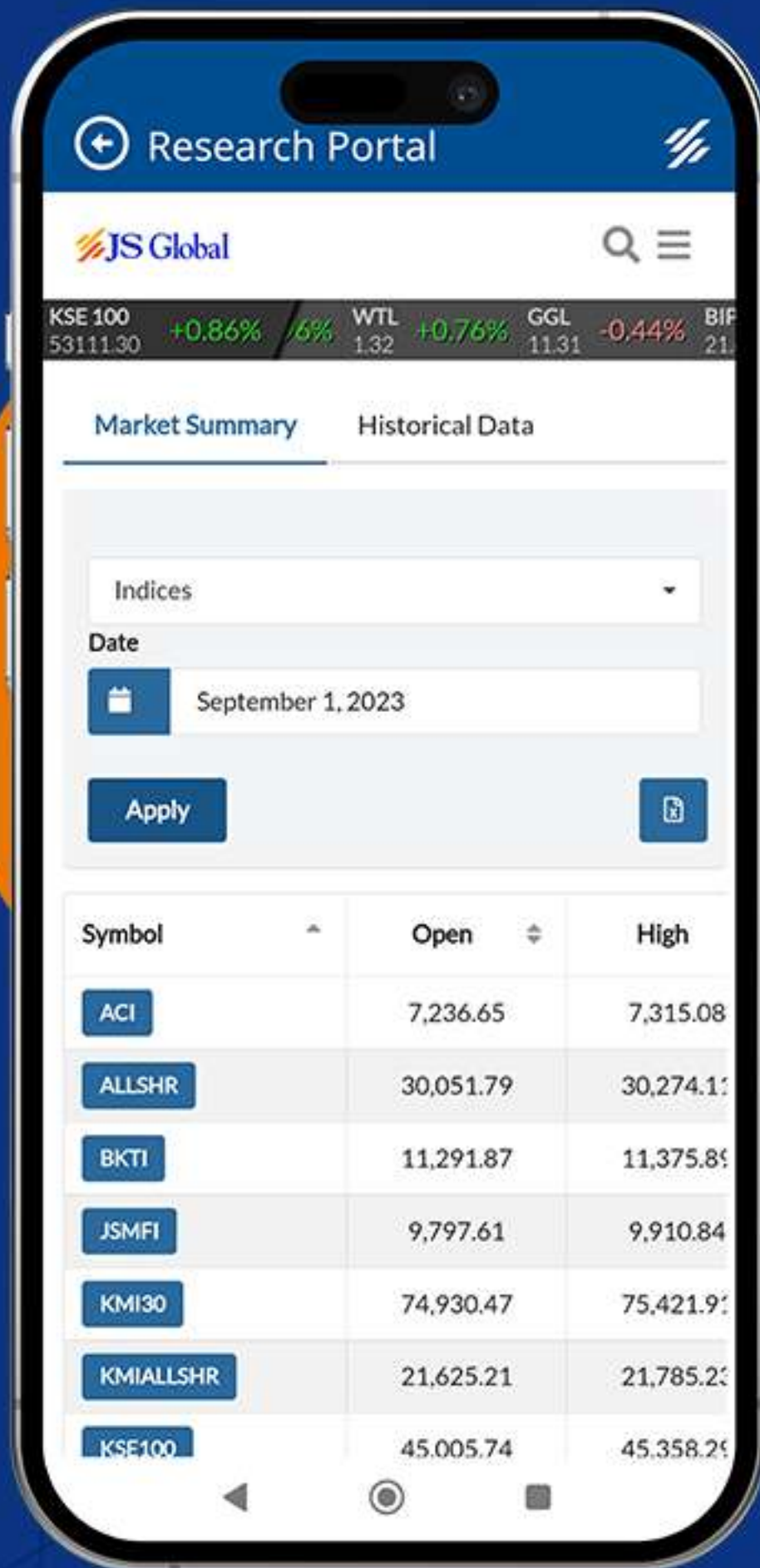
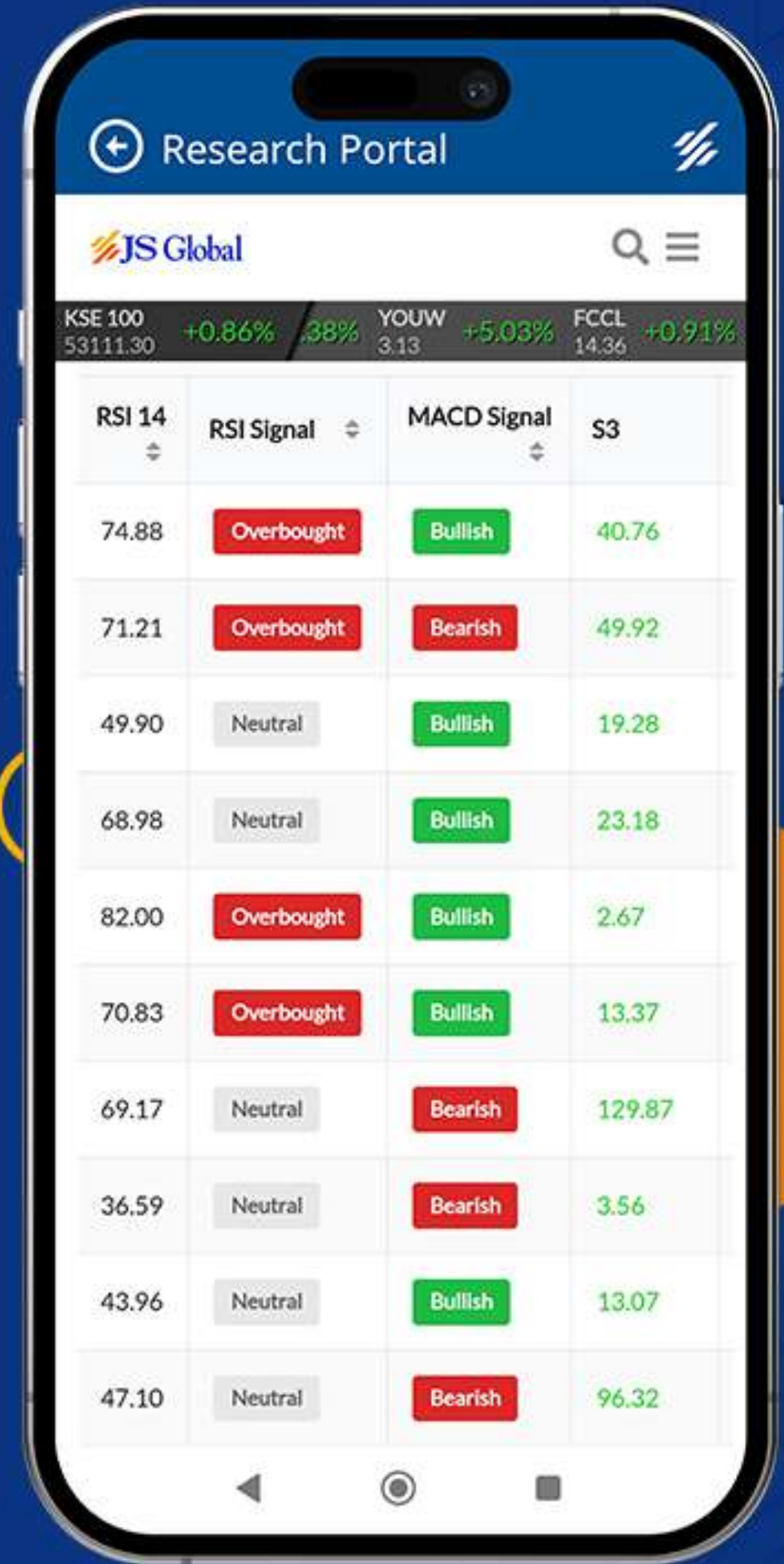
Advanced Charting

Advanced Charting brings technical indicators to life which are based on mathematical models to assist you in identifying the right time to enter and exit the market. You can apply indicators on a time frame ranging from 1 minute up to 1 month on all listed companies and indices. Live graphs can be viewed in the form of candlesticks, bars, line etc. and can observe share price movements and their technical indicators starting from year 2000. It also gives you the power to compare one company with another using a range of indicators and draw trend lines, annotations etc.

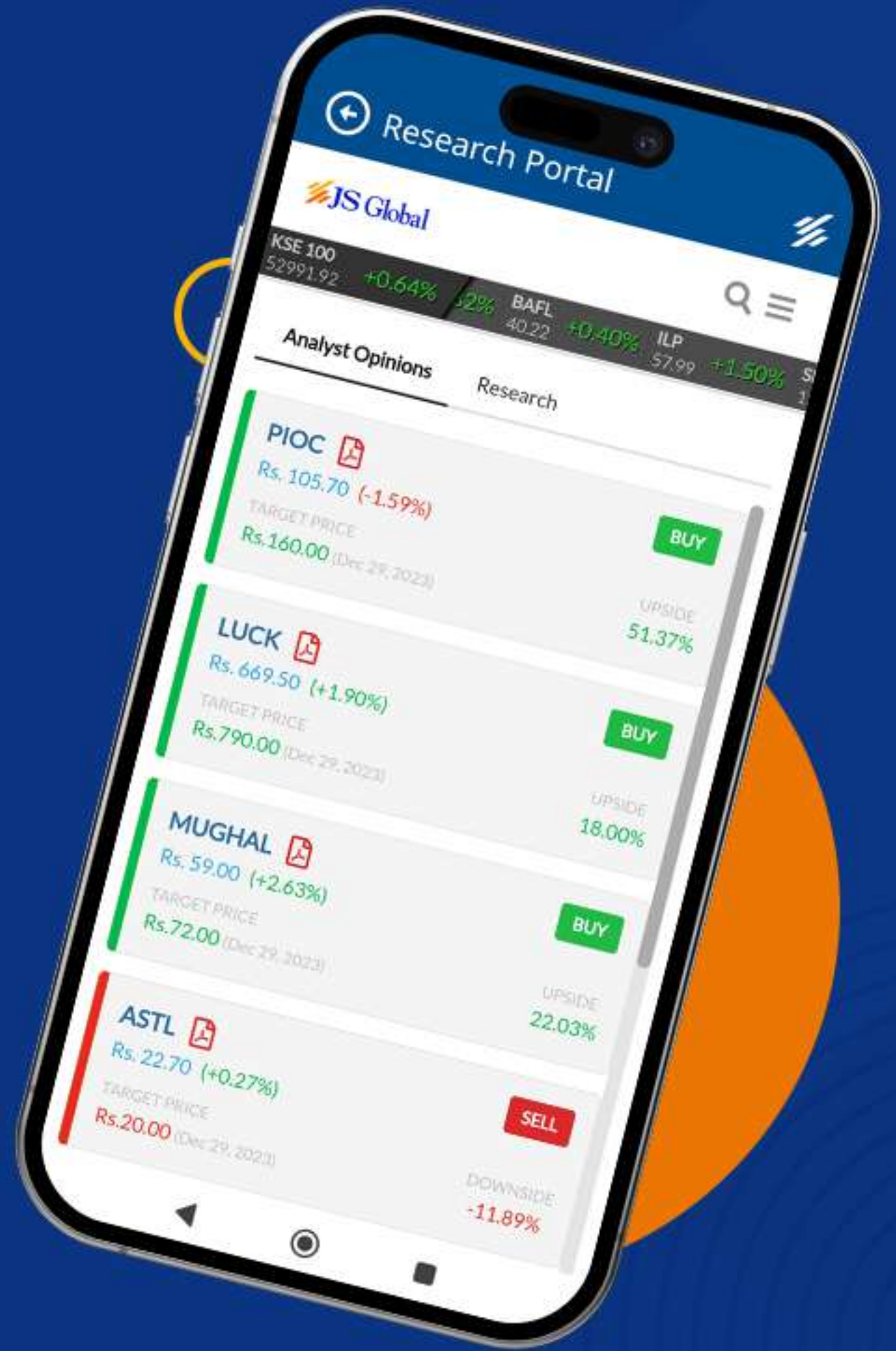
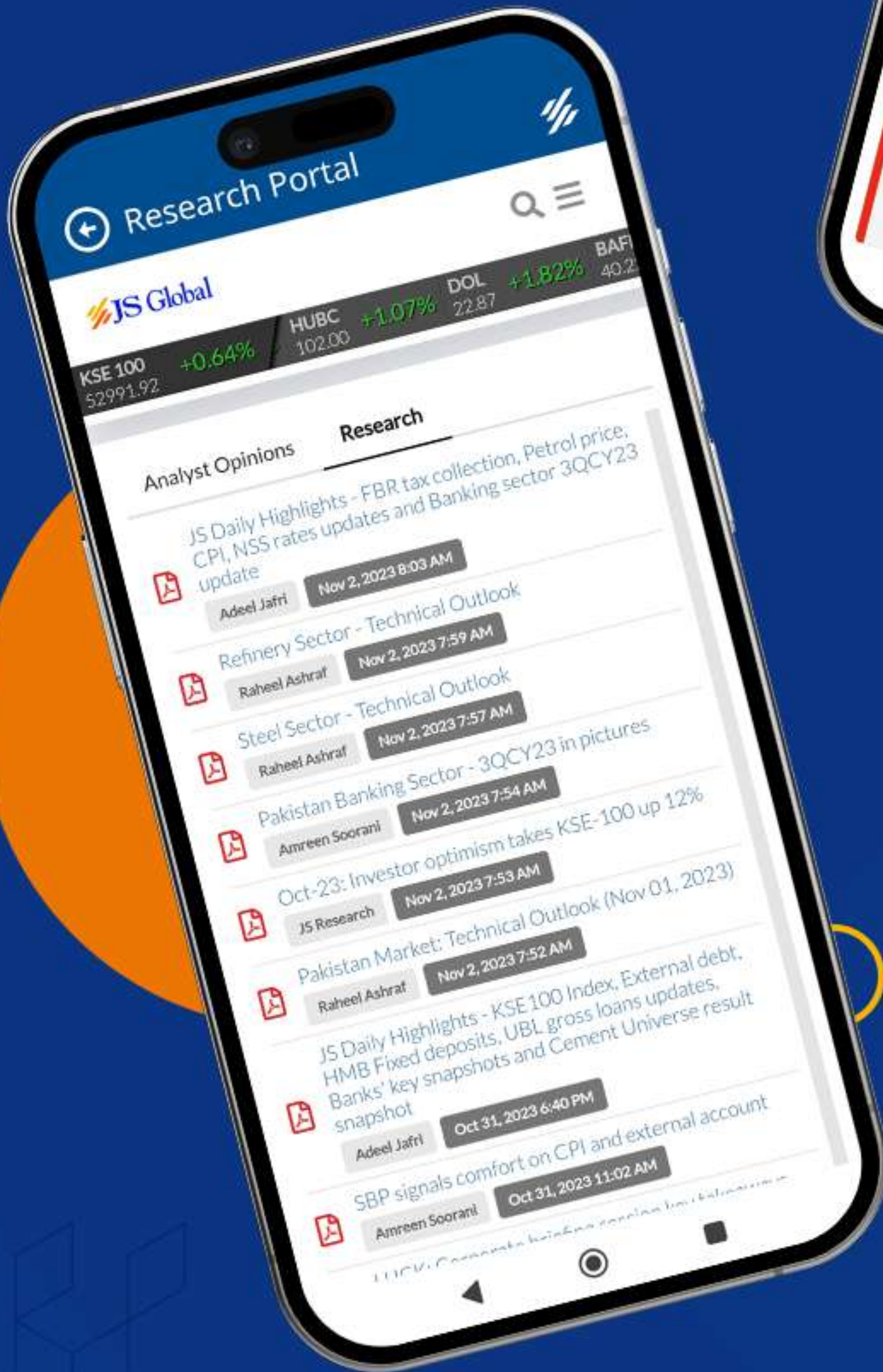


Pivot points show traders price levels indicating possible market movements. The live prices on the page assist in making real time decisions for users.

Historical Data allows you to download in excel historical levels of both indices and stocks. Market Summary of any selected date can also be downloaded.



The **Research Feature** allows users to assess all research reports provided by JS Global for better analysis. Users can view details of the research analyst and search reports by company name, symbol and analyst name.



A separate user guide for **stock screener** is available in the JS InvestPro manual section, providing comprehensive instructions and insights for optimal utilization.

Stock Screener

SCREENER KSE100 47,698.54 ALLSHR 31,913.64 KSE30 16,4

↑ 0.43% (204.96) ↑ 0.25% (80.78) ↑ 0.69% (112.4)

Overview Columns (10) Filters (1) Overview Trade Screen Per

Market state: OPEN Last activity: Oct 09, 2023 02:12:09 PM Total matches: 303

Symbol	Name	Sector
1 KEL	K-Electric Limited	POWER GENERATION & DIS
2 WTL	Worldcall Telecom Limited	TECHNOLOGY & COMMUNIC
3 PIAA	Pakistan International Airlines Corp	TRANSPORT
4 TELE	Telecard Limited	TECHNOLOGY & COMMUNIC
5 PPL	Pakistan Petroleum Limited	OIL & GAS EXPLORATION CO
6 PAEL	Shell Pakistan Limited	OIL & GAS MARKETING COM
7 SHEL	Cnergyco PK Limited	REFINERY
8 CENERGY	Maple Leaf Cement Factory Limited	CEMENT
9 MLCF	Oil & Gas Development Company ...	OIL & GAS EXPLORATION CO
10 OGDC	Symmetry Group Limited	TECHNOLOGY & COMMUNIC
11 SYM	D.G. Khan Cement Company Limited	CEMENT
12 DGKC	Silkbank Limited	COMMERCIAL BANKS
13 SILK	Nishat Chunian Power Limited	POWER GENERATION & DIS
14 NCPL	Fauji Foods Limited	FOOD & PERSONAL CARE P
15 FFL	Dewan Farooque Motors Limited	AUTOMOBILE ASSEMBLER
16 DFML	TPL Properties Limited	PROPERTY
17 TPLP	Air Link Communication Limited	TECHNOLOGY & COMMUNIC
18 AIRLINK	Sui Northern Gas Pipelines Limited	OIL & GAS MARKETING COM
19 SNGP	The Hub Power Company Limited	POWER GENERATION & DIS
20 HUBC	Shabbir Tiles & Ceramics Limited	GLASS & CERAMICS
21 STCL	Pakistan Refinery Limited	REFINERY
22 PRL	Gandhara Automobiles Limited	AUTOMOBILE ASSEMBLER
23 GAL	Gandhara Industries Limited	AUTOMOBILE ASSEMBLER
24 GHNI	Ghani Global Holdings Limited	PROPERTY
25 GGL	BankIslami Pakistan Limited	COMMERCIAL BANKS