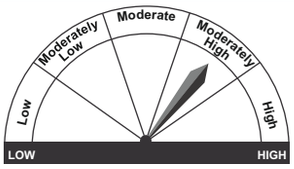
# QUANTUM GOLD FUND

An Open ended Exchange Traded Fund - Gold

## Scheme Features

| | |
|---|---|
| **Nature of Scheme** | An Open ended Exchange Traded Fund - Gold |
| **Investment Objective** | The Investment Objective of the Scheme is to generate returns that are in line with the performance of gold and gold related instruments subject to tracking errors. However, investment in gold related instruments will be made if and when SEBI permits mutual funds to invest, in gold related instruments. The Scheme is designed to provide returns that before expenses, closely correspond to the returns provided by gold. |
| **Benchmark Index** | Domestic Price of Physical Gold |
| **Fund Manager** | Mr. Chirag Mehta ~ (Since May 01, 2009) |
| **Fund Manager's Total Experience** | 11 yrs |
| **Inception Date (Date of Allotment)** | February 22, 2008 |
| **Current Expense Ratio** | 1.00% |
| **Total Expense Ratio (Weighted Average for the Month)** | 0.99% |
| **Investment Options** | Growth |
| **Minimum Application Amount (Under each Option)** | Directly with Fund: The investors can create / redeem in exchange of Portfolio Deposit and Cash Component in creation unit size at NAV based Price. On the Exchange: Approx equal to price of 1/2 gram of Gold quoted on the NSE. On NSE, the units can be purchased / sold in minimum lot of 1 units and in multiples therefore. |
| **Declaration of Net Asset Value (NAV)** | Every Business Day |
| **Redemption Proceeds** | Normally despatched within 3-4 Business Days. |
| **Entry/ Sales Load** | Not Applicable<br>Upfront commission to distributors will be paid by the investor directly to the distributor, based on his assessment of various factors including the service rendered by the distributor. |
| **Exit Load** | NIL<br>(retail investor can exit the scheme only through secondary market) |

**Product Labeling**

| Name of the Scheme | This product is suitable for investors who are seeking* | Riskometer |
|---|---|---|
| Quantum Gold Fund (An Open-ended Exchange Traded Fund- Gold) | • Long term returns<br>• Investments in physical gold. |  <br>Investors understand that their principal will be at Moderately High Risk |

* Investors should consult their financial advisers if in doubt about whether the product is suitable for them.

| Tax on Capital Gains * | Resident Individuals & HUF | FII's / Overseas Financial Organisations | Partnership Firm | Non Resident Indians | Indian Companies | Foreign Companies |
|---|---|---|---|---|---|---|
| **Long Term** | 20% with Indexation | 10% without Indexation | 20% with Indexation | 20% with Indexation (on transfer of long term capital assets being listed securities) | 20% with Indexation | 20% with Indexation (on transfer of long term capital assets being listed securities) |
| **Short Term** | Maximum 30% | 30% | 30% | Maximum 30% | 30% | 40% |

* The mentioned Tax Rates shall be increased by applicable surcharge, if any Education Cess @ 2% and Secondary higher education cess @ 1% where ever as applicable.

**TRANSACTION CHARGES:** In accordance with the SEBI Circular No.Cir / IMD / DF/13/2011 dated August 22, 2011, the AMC is allowed to deduct transaction charges of ₹ 100 for existing investors and ₹ 150 for a first time investor per subscription of ₹ 10,000 /- and above for the transaction / application received through distributors. The transaction charges shall be deducted by the AMC from the subscription amount received from the investor and paid to the distributor and the balance will be invested in the Scheme. Investors are requested to note that Quantum Mutual Fund is a direct to investor's Mutual Fund and no transaction charges shall be deducted from the investment amount for transactions / applications received from the distributor and full subscription amount will be invested in the Scheme.

| NAV (as of December 30, 2016) | NAV per Unit (₹) |
|---|---|
| **Growth Option** | **1276.6348** |

| Fund Size as on December 2016 | *Average AUM (₹ in crores) | #Absolute AUM (₹ in crores) |
|---|---|---|
| **Growth Option** | **56.52** | **56.73** |

**Cumulative Daily AuM /No of days in the month* *#AuM as on December 31, 2016*

# Quantum Gold Fund Performance as on December 30, 2016

For other Schemes Managed by **Mr. Chirag Mehta** please refer SCHEME PERFORMANCE (FUND MANAGER-WISE) at end of the Factsheet.

### A. Cumulative performance

| Start Date | Period | NAV per Unit (₹) | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|---|---|
| | | | | | Scheme (₹) | Benchmark (₹) # |
| 31-Dec-15 | Last 1 Year | 1,157.1199 | 10.33 | 11.61 | 11,033 | 11,161 |
| 31-Dec-14 | Last 2 Years | 1,257.5998 | 0.75 | 1.85 | 10,151 | 10,374 |
| 31-Dec-13 | Last 3 Years | 1,247.3226 | 0.78 | 1.84 | 10,235 | 10,563 |

**^ Past performance may or may not be sustained in the future.** Load is not taken into consideration and Returns are for Growth Option.
Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).
# Domestic Price of Physical Gold @ shows the current value of ₹ 10,000/- invested at the beginning of a given period

### B. Discrete 12 month performance

| Period | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|
| | | | Scheme (₹) | Benchmark (₹) # |
| December 31, 2015 to December 30, 2016 | 10.33 | 11.61 | 11,033 | 11,161 |
| December 31, 2014 to December 31, 2015 | -7.99 | -7.05 | 9,201 | 9,295 |
| December 31, 2013 to December 31, 2014 | 0.82 | 1.83 | 10,082 | 10,183 |
| Since Inception ** | 9.04 | 9.78 | 21,533 | 22,856 |

^^Tracking Error : 0.098%

**^ Past performance may or may not be sustained in the future.** Load is not taken into consideration and Returns are for Growth Option.
Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).
# Domestic Price of Physical Gold @ shows the current value of ₹ 10,000/- invested at the beginning of a given period

** Inception Date: February 22, 2008. Since inception returns are calculated on NAV of ₹ 100 invested at inception.

# Portfolio as on December 31, 2016

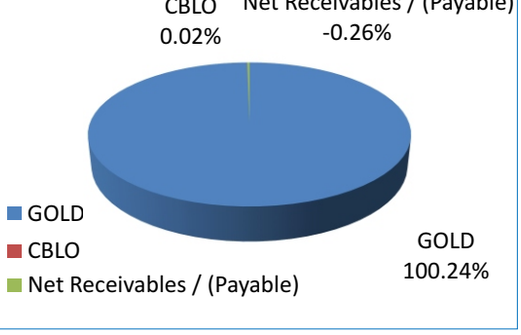
| Name of Instrument | Quantity | Market Value In Lakhs | % to Net Asset |
|---|---|---|---|
| **GOLD** | | | |
| 1. 1 KG Bar (995 fineness) | 201 | 5,677.57 | 100.09 |
| 2. 100 Gram Bar (999 fineness) | 3 | 8.51 | 0.15 |
| **Total of Gold** | | **5,686.08** | **100.24** |
| **MONEY MARKET INSTRUMENTS** | | | |
| **A) Collateralised Borrowing & Lending Obligation (CBLO)*** | | **1.08** | **0.02** |
| **Net Receivable/(payable)** | | **-14.42** | **-0.26** |
| **Grand Total** | | **5,672.74** | **100.00** |

* Cash & Cash Equivalents

## ^^Portfolio Turnover Ratio (Last one year): 0.46%

| Brokerage & Commissions Paid | |
|---|---|
| **Brokerages Paid for investments in December 2016** | **NIL** |
| **Distributor Commissions Paid till date** | **NIL** |

**Asset Allocation (% of Net Assets) as on December 31, 2016**




**Note:** Tracking Error is calculated on Annualised basis using 3 years history of daily returns.

**^^ Definitions**

**Tracking Error** is a measure of how closely a fund follows the index to which it is benchmarked. The more passively the fund is managed, the smaller the tracking error. In the case of Exchange Traded Funds, the lower the Tracking Error, the better.

# CHIRAG MEHTA

## QUANTUM EQUITY FUND OF FUNDS

### A. Cumulative performance

| Start Date | Period | NAV per Unit (₹) | Scheme Returns (%) ^ | Benchmark Returns (%) # | Additional Benchmark Returns (%) ## | Value of Investment of ₹ 10,000@ | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Scheme (₹) | Benchmark (₹) # | Additional Benchmark (₹) ## |
| 31-Dec-15 | Last 1 Year | 24.996 | 5.95 | 3.95 | 1.95 | 10,595 | 10,395 | 10,195 |
| 31-Dec-14 | Last 2 Years | 23.866 | 5.34 | 1.20 | -1.60 | 11,097 | 10,242 | 9,683 |
| 31-Dec-13 | Last 3 Years | 15.841 | 18.68 | 11.53 | 7.94 | 16,718 | 13,874 | 12,577 |

### B. Discrete 12 month performance

| Period | Scheme Returns (%) ^ | Benchmark Returns (%) # | Additional Benchmark Returns (%) ## | Value of Investment of ₹ 10,000@ | | |
|---|---|---|---|---|---|---|
| | | | | Scheme (₹) | Benchmark (₹) # | Additional Benchmark (₹) ## |
| Dec 31, 2015 to Dec 30, 2016 | 5.95 | 3.95 | 1.95 | 10,595 | 10,395 | 10,195 |
| Dec 31, 2014 to Dec 31, 2015 | 4.73 | -1.48 | -5.03 | 10,473 | 9,852 | 9,497 |
| Dec 31, 2013 to Dec 31, 2014 | 50.66 | 35.47 | 29.89 | 15,066 | 13,547 | 12,989 |
| Since Inception ** | 13.96 | 8.99 | 7.82 | 26,483 | 18,994 | 17,528 |

**^ Past performance may or may not be sustained in the future.** Load is not taken into consideration and Returns are for Growth Option. Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).

# S&P BSE 200 INDEX ## S&P BSE Sensex @ shows the current value of ₹ 10,000/- invested at the beginning of a given period

** Inception Date: July 20, 2009. Since inception returns are calculated on NAV of ₹ 10 invested at inception.

## SIP Performance of Quantum Equity Fund of Funds as on December 30, 2016

| | Since Inception SIP | 7 Years SIP | 5 Years SIP | 3 Years SIP | 1 Year SIP |
|---|---|---|---|---|---|
| Total Amount Invested (Rs.'000) | 890.00 | 840.00 | 600.00 | 360.00 | 120.00 |
| Mkt Value as on December 30, 16 (Rs.'000) | 1,462.841 | 1,348.35 | 876.152 | 418.167 | 123.962 |
| Scheme Returns (XIRR*) (%) | 13.16 | 13.32 | 15.20 | 10.05 | 6.34 |
| Benchmark Returns (XIRR*) (%) # | 8.46 | 8.54 | 9.52 | 4.87 | 3.06 |
| Additional Benchmark Returns (XIRR*) (%) ## | 6.88 | 6.87 | 7.03 | 1.82 | 1.45 |

^^Standard Deviation: 16.04% Beta: 1.07 Sharpe Ratio: 0.76

**Past performance may or may not be sustained in the future.** # S&P BSE 200 INDEX ## S&P BSE Sensex.

Load is not taken into consideration and Returns are for Growth Option using applicable NAV on the SIP day (5th of every month). Return on SIP and Benchmark are annualized and compounded investment return for cash flows resulting out of uniform and regular monthly subscriptions as on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day) and have been worked out using the Excel spreadsheet function known as XIRR. XIRR calculates the internal rate of return for series of cash flow. Assuming ₹ 10,000 invested every month on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day), the 1 year, 3 years, 5 years and since inception returns from SIP are annualized and compounded investment return computed on the assumption that SIP installments were received across the time periods from the start date of SIP from the end of the relevant period viz. 1 year, 3 years, 5 years and since Inception.

*XIRR - XIRR calculates the internal rate of return to measure and compare the profitability of series of investments.

## QUANTUM GOLD SAVINGS FUND

### A. Cumulative performance

| Start Date | Period | NAV per Unit (₹) | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|---|---|
| | | | | | Scheme (₹) | Benchmark (₹) # |
| 31-Dec-15 | Last 1 Year | 10.7478 | 10.87 | 11.61 | 11,087 | 11,161 |
| 31-Dec-14 | Last 2 Years | 11.5710 | 1.48 | 1.85 | 10,299 | 10,374 |
| 31-Dec-13 | Last 3 Years | 12.8917 | -2.59 | 1.84 | 9,244 | 10,563 |

### B. Discrete 12 month performance

| Period | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|
| | | | Scheme (₹) | Benchmark (₹) # |
| Dec 31, 2015 to Dec 30, 2016 | 10.87 | 11.61 | 11,087 | 11,161 |
| Dec 31, 2014 to Dec 31, 2015 | -7.11 | -7.05 | 9,289 | 9,295 |
| Dec 31, 2013 to Dec 31, 2014 | -10.24 | 1.83 | 8,976 | 10,183 |
| Since Inception ** | 3.17 | 4.53 | 11,917 | 12,831 |

**^ Past performance may or may not be sustained in the future.** Load is not taken into consideration and Returns are for Growth Option. Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).

# Domestic Price of Gold @ shows the current value of ₹ 10,000/- invested at the beginning of a given period

** Inception Date: May 19, 2011. Since inception returns are calculated on NAV of ₹ 10 invested at inception.

## SIP Performance of Quantum Gold Savings Fund as on December 30, 2016

| | Since Inception SIP | 3 Year SIP | 3 Year SIP | 1 Year SIP |
|---|---|---|---|---|
| Total Amount Invested (Rs.'000) | 670 | 600 | 360 | 120 |
| Mkt Value as on December 30, 16 (Rs.'000) | 648.603 | 576.095 | 357.230 | 115.103 |
| Scheme Returns (XIRR*) (%) | -1.15 | -1.61 | -0.50 | -7.66 |
| Benchmark Returns (XIRR*) (%) # | 0.15 | -0.28 | 0.69 | -10.60 |

**Past performance may or may not be sustained in the future.** # Domestic Price of Gold

Load is not taken into consideration and Returns are for Growth Option using applicable NAV on the SIP day (5th of every month). Return on SIP and Benchmark are annualized and compounded investment return for cash flows resulting out of uniform and regular monthly subscriptions as on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day) and have been worked out using the Excel spreadsheet function known as XIRR. XIRR calculates the internal rate of return for series of cash flow. Assuming ₹ 10,000 invested every month on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day), the 1 year, 3 years and since inception returns from SIP are annualized and compounded investment return computed on the assumption that SIP installments were received across the time periods from the start date of SIP from the end of the relevant period viz. 1 year, 3 years and since Inception.

*XIRR - XIRR calculates the internal rate of return to measure and compare the profitability of series of investments.

# CHIRAG MEHTA

## QUANTUM GOLD FUND

### A. Cumulative performance

| Start Date | Period | NAV per Unit (₹) | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|---|---|
| | | | | | Scheme (₹) | Benchmark (₹) # |
| 31-Dec-15 | Last 1 Year | 1,157.1199 | 10.33 | 11.61 | 11,033 | 11,161 |
| 31-Dec-14 | Last 2 Years | 1,257.5998 | 0.75 | 1.85 | 10,151 | 10,374 |
| 31-Dec-13 | Last 3 Years | 1,247.3226 | 0.78 | 1.84 | 10,235 | 10,563 |

### B. Discrete 12 month performance

| Period | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|
| | | | Scheme (₹) | Benchmark (₹) # |
| Dec 31, 2015 to Dec 30, 2016 | 10.33 | 11.61 | 11,033 | 11,161 |
| Dec 31, 2014 to Dec 31, 2015 | -7.99 | -7.05 | 9,201 | 9,295 |
| Dec 31, 2013 to Dec 31, 2014 | 0.82 | 1.83 | 10,082 | 10,183 |
| Since Inception ** | 9.04 | 9.78 | 21,533 | 22,856 |

^^Tracking Error: 0.098%

**^ Past performance may or may not be sustained in the future.** Load is not taken into consideration and Returns are for Growth Option. Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).
# Domestic Price of Physical Gold @ shows the current value of ₹ 10,000/- invested at the beginning of a given period
** Inception Date: February 22, 2008. Since inception returns are calculated on NAV of ₹ 100 invested at inception.

# CHIRAG MEHTA / NILESH SHETTY

## QUANTUM MULTI ASSET FUND

### A. Cumulative performance

| Start Date | Period | NAV per Unit (₹) | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|---|---|
| | | | | | Scheme (₹) | Benchmark (₹) # |
| 31-Dec-15 | Last 1 Year | 13.8283 | 10.48 | 8.32 | 11,048 | 10,832 |
| 31-Dec-14 | Last 2 Years | 13.3622 | 6.92 | 4.30 | 11,433 | 10,878 |
| 31-Dec-13 | Last 3 Years | 11.4263 | 10.16 | 9.32 | 13,370 | 13,064 |

### B. Discrete 12 month performance

| Period | Scheme Returns (%) ^ | Benchmark Returns (%) # | Value of Investment of ₹ 10,000@ | |
|---|---|---|---|---|
| | | | Scheme (₹) | Benchmark (₹) # |
| Dec 31, 2015 to Dec 30, 2016 | 10.48 | 8.32 | 11,048 | 10,832 |
| Dec 31, 2014 to Dec 31, 2015 | 3.49 | 0.43 | 10,349 | 10,043 |
| Dec 31, 2013 to Dec 31, 2014 | 16.94 | 20.09 | 11,694 | 12,009 |
| Since Inception ** | 9.93 | 8.66 | 15,277 | 14,505 |

**^ Past performance may or may not be sustained in the future.**

Load is not taken into consideration and Returns are for Growth Option. Returns up to 1 year period are Absolute Returns. Returns greater than 1 year period are compounded annualized (CAGR).

# Crisil Composite Bond Fund Index (40%)+ S&P BSE Sensex Total return Index (40%)+ Domestic price of gold (20%)

@ shows the current value of ₹ 10,000/- invested at the beginning of a given period

** Inception Date: July 11, 2012. Since inception returns are calculated on NAV of ₹ 10 invested at inception.

## SIP Performance of Quantum Multi Asset Fund as on December 30, 2016

| | Since Inception SIP | 3 Years SIP | 1 Year SIP |
|---|---|---|---|
| Total Amount Invested (Rs.'000) | 530 | 360 | 120 |
| Mkt Value as on December 30, 16 (Rs.'000) | 650.802 | 407.818 | 125.244 |
| Scheme Returns (XIRR*) (%) | 9.30 | 8.33 | 8.41 |
| Benchmark Returns (XIRR*) (%) # | 7.46 | 6.11 | 4.88 |

^^Standard Deviation: 5.41% Beta: 0.80 Sharpe Ratio: 0.67

**Past performance may or may not be sustained in the future.** # Crisil Composite Bond Fund Index (40%)+ S&P BSE Sensex Total return Index (40%)+ Domestic price of gold (20%)
Load is not taken into consideration and Returns are for Growth Option using applicable NAV on the SIP day (5th of every month). Return on SIP and Benchmark are annualized and compounded investment return for cash flows resulting out of uniform and regular monthly subscriptions as on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day) and have been worked out using the Excel spreadsheet function known as XIRR. XIRR calculates the internal rate of return for series of cash flow. Assuming ₹ 10,000 invested every month on 5th day of every month (in case 5th is a non-Business Day, then the next Business Day), the 1 year, 3 years and since inception returns from SIP are annualized and compounded investment return computed on the assumption that SIP installments were received across the time periods from the start date of SIP from the end of the relevant period viz. 1 year, 3 years and since Inception.
*XIRR - XIRR calculates the internal rate of return to measure and compare the profitability of series of investments.
**The Scheme is co-managed by Chirag Mehta and Nilesh Shetty.**

**^^ Definitions**
**Standard deviation** measures historical volatility. A high standard deviation suggests high volatility, while lower standard deviation would refer to more stability.
**Beta** is the tendency of a fund's returns to respond to market swings. A beta of 1 indicates that the fund price will move with the market. A beta of less than 1 means that the security will be less volatile than the market. A beta of greater than 1 indicates that the security's price will be more volatile than the market.
**Sharpe Ratio** is used to characterise how well the return of an asset compensates the investor for the risk taken. The greater a portfolio's Sharpe ratio, the better its risk-adjusted performance has been.
**Portfolio Turnover Ratio** is the percentage of a funds assets that have changed over the course of a year.
**Tracking Error** is a measure of how closely a fund follows the index to which it is benchmarked. The more passively the fund is managed, the smaller the tracking error. In the case of Exchange Traded Funds, the lower the Tracking Error, the better.