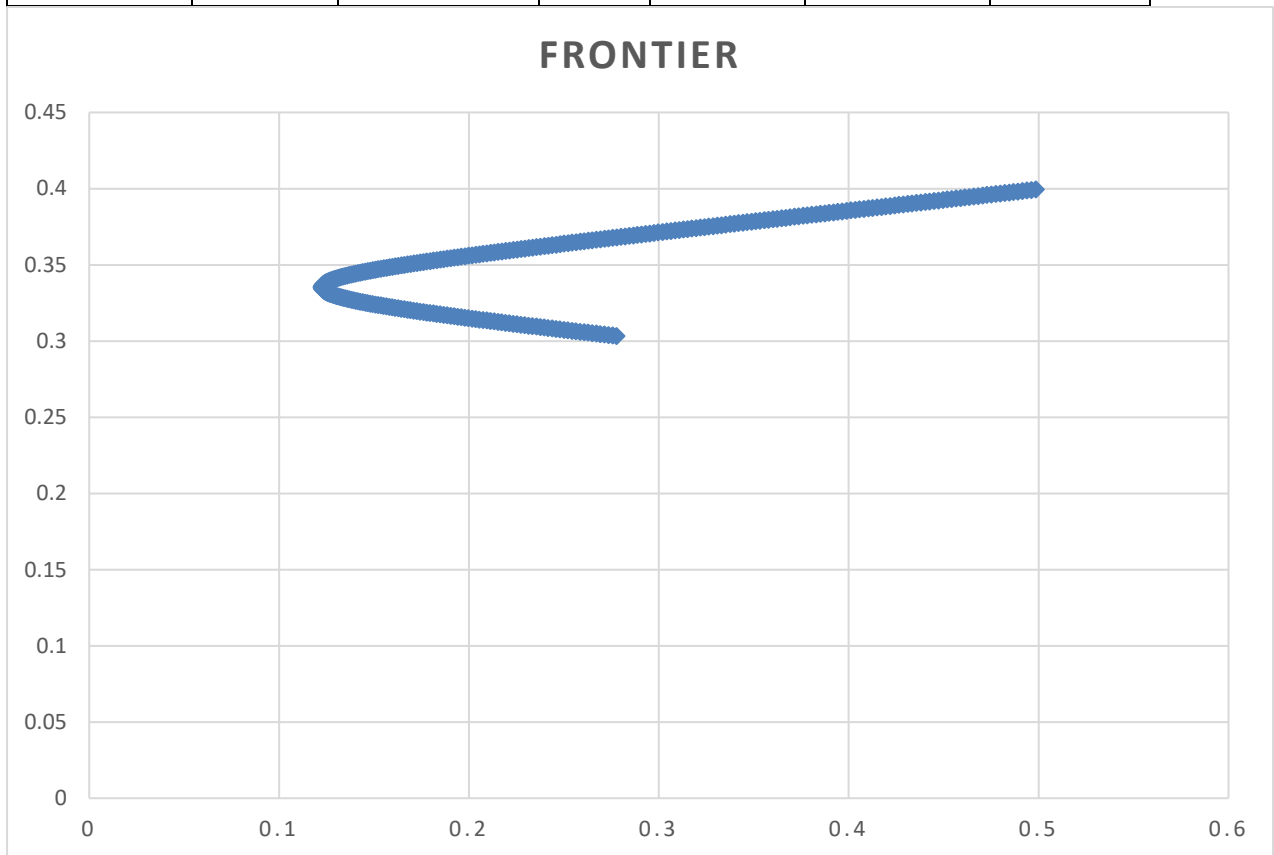


## **ZENITH FUND : Markowitz model**

<b>Company</b>	<b>EPS(TTM)</b>	<b>P/E(Expected)</b>	<b>Actual Price</b>	<b>Expected Price</b>	<b>Expected Return</b>	<b>Weightage</b>
Pix Transmission	22.96	10.9	178.15	250.264	40.479	0.033477
TAAL Enterprises	26.24	12	240.05	314.88	31.17267236	0.054854
Corporate Couriers & Cargo Ltd.	0.427	40	12.49	17.08	36.74939952	0.033399
JK Paper Ltd.	22.743	9.93	145.6	225.83799	55.10850962	0.078676
West Coast Paper Mills	48.35	7.75	262.65	374.7125	42.66609556	0.055462
Suyog Telematics	24.72	15	260	370.8	42.61538462	0.099935
United Breweries	22.16	92.96	1,388	2059.9936	48.4145245	0.09999
Shri Jagdamba Polymers Ltd	26.02	10.21	237.15	265.6642	12.02369808	0.05203
RDB Rasayans Ltd	5.86	13.65	48.75	79.989	64.08	0.06785
SP Apparels	26.125	15	318.65	391.875	22.97975836	0.061271
Polyplex Corporation	88.39	8	518.55	707.12	36.36486356	0.071065
Hindustan Unilever Ltd.	27.08	70.65	1,698	1913.202	12.67385159	0.099495
Escorts Ltd.	38.79	30	800.55	1163.7	45.36256324	0.087952
NMDC Ltd.	13.57	9.54	114.6	129.4578	12.96492147	0.071658

L&T InfoTech Ltd.	61.75	25.87	1,397	1597.4725	14.35021475	0.033571
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The **efficient frontier** is the set of optimal portfolios that offers the highest expected return for a defined level of risk or the lowest risk for a given level of expected return

We calculated this using Markowitz Portfolio Theory.

**Markowitz model** is thus a theoretical framework for analysis of risk and return and their inter-relationships. He used the statistical analysis for measurement of risk and mathematical programming for selection of assets in a portfolio in an efficient manner. His framework led to the concept of efficient portfolios. An efficient portfolio is expected to yield the highest return for a given level of risk or lowest risk for a given level of return