



### Journal Club Presentations (Academic Year 2021-22)

Sr No.	Date	Topic	Presenter
1	7 <sup>th</sup> September 2021	Industry Connect	Dr. Panjak Nandurkar
2	30 <sup>th</sup> October 2021	H2H Marketing- The Genesis of Human To Human Marketing	Dr. Vishnu Kanhere
3	16 <sup>th</sup> December 2021	Mutual Fund Investment	Prof. Siddesh Soman
4	3 <sup>rd</sup> February 2022	Teacher As An Entrepreneur	Dr. Kanchan Akshay
5	8 <sup>th</sup> March 2022	Business analysis of Indian Unicorn	Prof. Dipi Periwal
6	8 <sup>th</sup> April 2022	Drivers of Sovereign Yield in India	Dr. Smita Jape
7	17 <sup>th</sup> June 2022	ISO 9001:2005	Mr. Timir Kurmabhatti
8	28 <sup>th</sup> June 2022	Marketing Agility: The Concept, Antecedents and A Research Agenda	Prof. Krunal K Punjani

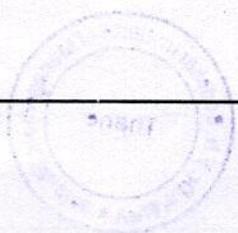




**Journal Club Session** : Drivers of Sovereign Bond Yields in India.

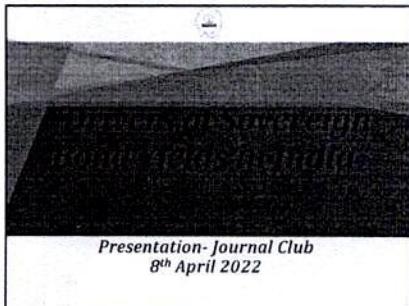
**Date** : 8<sup>th</sup> April 2022

Sr. No.	Name	Signature
1.	Dr. Pallavi Chandwaskar	Pallavi
2.	Dr. Kanchan Anshay	X..
3.	Vibhuti Sare	VS
4.	Janhavi Potala	Potala.
5.	Mugdha Bhadkamkar	MBhadkamkar
6.	Pankaj Nandurkar	PN
7.	Maresh Bhamashali	MBhamashali
8.	Sandeep Meghe	SM
9.	Nitin Joshi	NJ.
10.	DR. GURUPRASAD MURTHY	

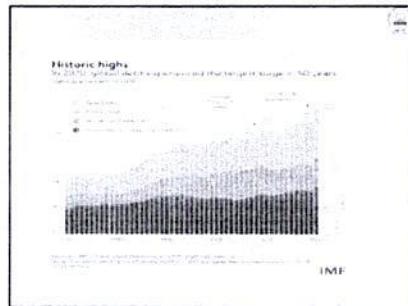


SNo.	Name	Learnings
1.	Vibhuti Sare	Global & Domestic Factor are interlinked but still paper findings are focus or more on Domestic factors.
2.	Pankaj Nandurkar	Understand debt instrument issued by the government
3.	Mohesh Bhanshali	Understood sovereign bond Basis of Payment & concepts
4.	Sandeep Moghe	some understanding of G-Sec's Mkts, their maturities IIRs





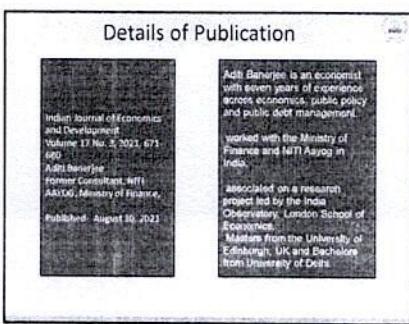
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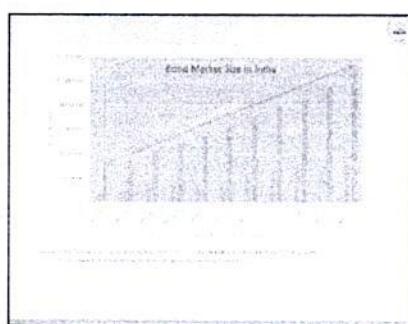
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No.	Date	Authors	Model/Statistical tool	Findings
1	9 April 2018 20 March 2018	Kayser, John, and Suresh (2018)	analysed the bond yields across the world using vector autoregression (VAR)	The repo rate, change in cash reserve ratio (CRR) and liquidity premium were found to significantly affect the ten year sovereign bond yields.
2	11	Kishore and Nag (2018)	Keynes conjecture of long-run real interest rates being guided by the behaviour of the ten year sovereign benchmark yield along with the real rates in the yield of 91 day Treasury bills.	

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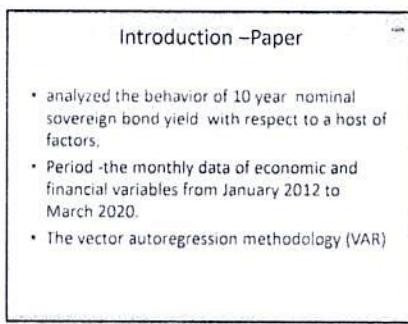
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No.	Date	Authors	Findings
1	Das (2019), Bhattacharya		The monthly data set showed a significant positive association between short and long-term bond yields.
2	Prakash et al. (2018)	analyzed short term and long term factors affecting sovereign bond yields from a panel dataset of 117 countries over the period 1970-2014.	Showed that long-term debt negatively impacts government bond yields, while a real GDP growth positively impacts government bond yields.
3	Kumar and Balakrishnan (2016)	a panel of 41 advanced and emerging market economies between 1990 and 2008	examined the impact of fiscal deficits and public debt determinants on the real ten-year Government bond yields. They concluded that government debt negatively impacts real interest rates and global liquidity conditions will have a larger role in long-term bond yields.
4	Banerjee and Chatterjee (2013)		examined the scope of domestic fiscal variables impacting domestic sovereign bond yields, bringing in global risk aversion. The fiscal effects varied significantly during the low-risk regime or in times of economic events showed that long-term bond yields were largely unaffected by growth rate, while domestic Kumar and Balakrishnan (2016).

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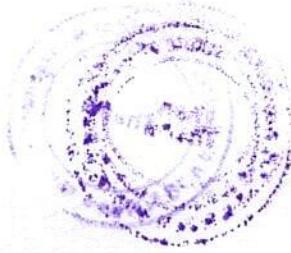
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Literature Review
<ul style="list-style-type: none"> <li>In the contrasting scenario of high-risk aversion, fiscal fundamentals, including the overall debt position and default risk, were important indicators affecting bond yields.</li> </ul>
<ul style="list-style-type: none"> <li>Hanh (2014) studied the determinants of real sovereign bond yields (10-year benchmark) in emerging economies with a Generalized Method of Moments (GMM) framework on a panel of nine Asian economies, namely China, Hong Kong, India, Indonesia, Korea, Malaysia, Philippines, Singapore, and Thailand. The estimation concluded that GDP growth, inflation, and US Federal Funds rate were the critical drivers of real sovereign bond yields in emerging Asia.</li> </ul>

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## METHODOLOGY

+ secondary data obtained from the Ministry of Statistics and Programme Implementation, Reserve Bank of India, Clearing Corporation of India and Cognex database [1] from January 2012 to March 2020.

- \* The frequency of data was streamlined on a monthly basis resulting in 99 data points for the measured duration. The details pertaining to the variables are presented in Table 2.
- \* In consonance with the approach in the literature, the method of Vector Autoregression (VAR) was applied to test the behavior of the sovereign bond yields in India vis-a-vis the identified factors. A reduced-form VAR (p) process is defined as follows:

  - $Y_t = Y_{t-p} + A_1 Y_{t-1} + \dots + A_p Y_t + \epsilon_t$ , where
  - $\epsilon_t$  is a vector of exogenous variables at  $t$ .
  - $A_i$  is a matrix of endogenous variables at  $t-i$ .

- \* VAR refers to a multi-period, simultaneous equations
- \* [https://rhs.org.in/Scripts/BS\\_NSDPDisplay.aspx?param=4](https://rhs.org.in/Scripts/BS_NSDPDisplay.aspx?param=4)

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Macroeconomic developments			
	Policy	Market	Regulation
March 2009	• Budget deficit reduction • Quantitative easing • Interest rate cuts • Financial market rescue • Stimulus package • Tax cuts	• Oil price decline • Global economic slowdown • Declining inflation	• Financial market regulation • Capital controls • Deposit insurance • Central bank recapitalization
May 2009	• New stimulus • Job creation • Financial market rescue • Quantitative easing • Long-term capital gains tax • Home ownership	• Oil price decline • Global economic slowdown • Declining inflation	• Financial market regulation • Capital controls • Deposit insurance • Central bank recapitalization
July 2009	• Infrastructure • Economic stimulus • Financial market rescue • Quantitative easing • Long-term capital gains tax • Home ownership	• Oil price decline • Global economic slowdown • Declining inflation	• Financial market regulation • Capital controls • Deposit insurance • Central bank recapitalization

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## Variables

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Economic developments in India and the global economy	
2013-14	<ul style="list-style-type: none"> <li>Macroeconomic: Weak services sector, the slowdown in corporate investment, headline rate volatility, high inflation, interest rate adjustments.</li> <li>Fiscal deficit becomes unmanageable</li> </ul>
2014-15	<ul style="list-style-type: none"> <li>Macroeconomic: Economic recovery</li> <li>Capital flows: Recovery by 33% in October; 50% in November</li> <li>Policy: Implementation of the fiscal stimulus</li> <li>Other: General Election</li> </ul>

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Macroeconomic developments				
	Estimate	Projections	Policy	Notes
Interest rates	Central bank interest rates have been lowered by 100 basis points since April.	Interest rates are projected to remain at current levels.	Interest rates are projected to remain at current levels.	Interest rates are projected to remain at current levels.
Exchange rate	The euro has appreciated by 10% against the US dollar since January.	The euro is seen as vulnerable to further appreciation.	The euro is seen as vulnerable to further appreciation.	The euro is seen as vulnerable to further appreciation.
Inflation	Annual inflation is projected to rise from 2.0% in 2001 to 2.5% in 2002.	Annual inflation is projected to rise from 2.0% in 2001 to 2.5% in 2002.	Annual inflation is projected to rise from 2.0% in 2001 to 2.5% in 2002.	Annual inflation is projected to rise from 2.0% in 2001 to 2.5% in 2002.
GDP	GDP growth is projected to decline from 1.0% in 2001 to 0.5% in 2002.	GDP growth is projected to decline from 1.0% in 2001 to 0.5% in 2002.	GDP growth is projected to decline from 1.0% in 2001 to 0.5% in 2002.	GDP growth is projected to decline from 1.0% in 2001 to 0.5% in 2002.
Oil price	Crude oil prices are projected to rise from \$30 per barrel in 2001 to \$35 per barrel in 2002.	Crude oil prices are projected to rise from \$30 per barrel in 2001 to \$35 per barrel in 2002.	Crude oil prices are projected to rise from \$30 per barrel in 2001 to \$35 per barrel in 2002.	Crude oil prices are projected to rise from \$30 per barrel in 2001 to \$35 per barrel in 2002.
Current account	The current account deficit is projected to widen from 3.5% of GDP in 2001 to 4.0% of GDP in 2002.	The current account deficit is projected to widen from 3.5% of GDP in 2001 to 4.0% of GDP in 2002.	The current account deficit is projected to widen from 3.5% of GDP in 2001 to 4.0% of GDP in 2002.	The current account deficit is projected to widen from 3.5% of GDP in 2001 to 4.0% of GDP in 2002.
Unemployment	Unemployment is projected to decline from 9.0% in 2001 to 8.5% in 2002.	Unemployment is projected to decline from 9.0% in 2001 to 8.5% in 2002.	Unemployment is projected to decline from 9.0% in 2001 to 8.5% in 2002.	Unemployment is projected to decline from 9.0% in 2001 to 8.5% in 2002.

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**Table 3. Descriptive statistics of variables, January 2012 to March 2010**

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## The Durbin Watson (DW)

- test for autocorrelation in the residuals from a statistical model or regression analysis.
  - The Durbin-Watson statistic will always have a value ranging between 0 and 4
  - A value of 2.0 indicates there is no autocorrelation detected in the sample.
  - 0 to less than 2 point----- positive autocorrelation and values from 2 to 4 means negative autocorrelation.
  - A stock price displaying positive autocorrelation would indicate that the price yesterday has a positive correlation on the price today—so if the stock fell yesterday, it is also likely that it falls today.

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## Findings and results -Table 5

1. The ten-year nominal bond yield was statistically significant and positively correlated with the 31-day domestic treasury bill yield.

In the theory of the term structure of interest rates, the short-term interest rate of the 31-day treasury bill acts as a baseline for the long-run ten-year sovereign bond yield.

2. The co-movement between the domestic ten-year sovereign bond yield and the domestic inflation rate was significant statistically.

The transmission of inflation influencing bond yields occurs through different channels. Firstly, the impact of higher crude oil prices raises the overall inflation level in the economy, which further influences the long-run nominal sovereign bond yields.

Secondly, the decision to increase the repo rate is dependent on the inflation targeting regime adopted by the Central Bank in India.

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## Vector Auto Regression

- model is a Multivariate forecasting algorithm as it means it is used in scenarios where forecasting with two or more time-series influence each other. The term ‘Autoregressive’ stands because each time-series variable is modelled as a function of its past values and lags are used as predictors.

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## RESULTS AND DISCUSSION

- Suppose that  $\pi$  is the average real GDP growth rate over a sufficiently long time period. Then the following statement is true if the economy is at its long-run equilibrium:  
$$\Delta \ln Y_t = \pi + \epsilon_t$$
 where  $\epsilon_t$  is a random error term.
  - The equation  $\Delta \ln Y_t = \pi + \epsilon_t$  is called the *long-run growth equation*.
  - In words, the equation states that the fact that actual growth equals the long-run growth parameter is the reason why people feel confident about the future.
  - The long-run growth rates between 2001 and 2010 are marked by a plume of uncertainty, indicating that actual growth can end up as much lower, declines, inflation, depressions and even depressions.
  - Comparing the growth rates and short-term bond yields indicates higher variances in the short-term bond yields.
  - The average inflation rate is observed to be about 3 percent per year.
  - Higher inflation is observed in the history of the dollar-peso exchange rate, trade deficit and the current account balance.

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### Findings and results -Table 5

- A significant cross-correlation was observed between the ten year domestic bond yield and **international crude oil price among global factors**
  - India is highly dependent on crude oil import to fulfill its domestic consumption needs
  - **Variation in the international crude oil price was reflected by the change in domestic sovereign bond yield**
  - Moreover, rising crude prices also tend to put pressure on the exchange rate
  - This indirect connection led to a statistically significant correlation between the **ten year sovereign bond yield and the rupee-dollar exchange rate** in the Indian context
  - A further implication of higher crude prices was the induced inflation in the domestic economy as the higher price was transmitted towards consumption demand

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## Granger causality

- Granger causality (Granger, 1969) in time series data applied to test the direction of causality in the variables.
  - The pair-wise Granger causality test helped to determine whether there was no causal relationship, unidirectional relationship, or two-way causality.
  - This further helped to detect a feedback loop occurring from the dependent variable on the set of independent variables, which could distort the results in a regression model.
  - A combination of MS Excel and Eviews statistical software helped in obtaining the estimates. Feedback analysis conducted

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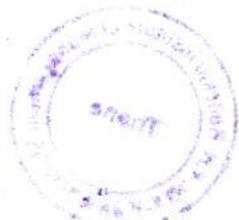
## RESULTS AND DISCUSSION

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### **Findings and results -Table 5**

Variable	Model 1	Model 2
Term factor (1-year vs 10-year)	-0.1878 <sup>a</sup>	-0.1932 <sup>a</sup>
Interest rate	-0.0001	-0.0001
L.GDP growth	-0.01513 <sup>b</sup>	-0.01483 <sup>b</sup>
L.GDP error	-0.000811	-0.000813
F.FDI	0.1613 <sup>c</sup>	0.1607 <sup>c</sup>
FDI error	-0.000469	-0.000469
Housing ratio	-0.1210 <sup>d</sup>	-0.1206 <sup>d</sup>
L.GDP	-0.000033 <sup>e</sup>	-0.000034 <sup>e</sup>
L.GDP error	-0.000033 <sup>e</sup>	-0.000034 <sup>e</sup>
Government	-0.0113 <sup>f</sup>	-0.0113 <sup>f</sup>
GDP/GDP <sub>-1</sub>	-0.0112 <sup>f</sup>	-0.0113 <sup>f</sup>
Central bank policy	0.000000	0.000000
Interest rate error	-0.000000	-0.000000
Autocorrelation	-0.2652 <sup>g</sup>	-0.2659 <sup>g</sup>

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### Findings and results -Table 5

- Two variants of the VAR model were considered to observe the behaviour. The first model runs a regression with variables such as the lagged ten year sovereign bond yield in India, domestic inflation, LAF Repo rate, exchange rate, crude oil price, 91-day domestic treasury bill yield, and US 10 year sovereign bond yield alongside a constant.
- The second model only omits the Repo rate from the regression.
- The Durbin-Watson test was conducted on both regressions to test for first-order serial order correlation in the residuals.
- It was found that the  $\alpha$  statistic was very close to 2, thus implying no first-order serial correlation.

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### Findings and results -Table 6

- 10 year nominal bond yield in India was positively correlated with the ten-year US sovereign bond yield at 10% significance level.
- The Granger Causality test indicated a relationship from the ten-year nominal US sovereign bond yield, domestic inflation, and international crude oil price to the ten-year sovereign bond yield in India. In addition, there existed a reverse causality from the policy Repo rate to the ten year nominal sovereign bond yield when the former variable was the dependent variable.
- Table 8 showed that the lagged value of 10 year bond yield and the 91-day treasury bill were the most significant drivers of the sovereign bond yield in India, in descending order.
- 4.200 basis points increase in the lagged value of the domestic bond yield will have a corresponding increase of 36 bps in the ten year sovereign bond yield.
- Generally, the impact of the short-term 91-day treasury bill on the ten year sovereign domestic bond yield is one of 0.26.

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### Findings of study

- Another staggering point was the lack of significant influence of the policy Repo rate on the long-term bond yields.
- There was a possibility that the 91-day treasury bill captured the effects of Repo rate changes. The Repo rate signals the interest rate adjustment mechanism for the market leading to an immediate influence on money market instruments such as treasury bills.
- Therefore, a second regression was estimated which excluded the Repo rate to observe the behavior of other variables. It was observed that the 91-day treasury bill had the highest downward impact on domestic bond yield and the 91-day domestic treasury bill yield over the first model.
- Further, the rupee-dollar exchange rate was found to be significant.
- The study was also trying to examine the variables impulse response to show the initial and standard deviation shock on the 10 year domestic sovereign bond yield (Figure 1). It was found that domestic inflation and international crude oil shocks were positive and significant up to the fifth lag.
- The response of India's ten-year sovereign bond yield to the 91-day treasury bill yield and exchange rate showed mild downward movement before turning positive and stabilizing.

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### Liquidity adjustment facility (LAF)

- The LAF variable is a measure of Central Bank liquidity in the system.
- A positive figure denotes deficit liquidity and hence net injection through the banking system.
- At the same time, a negative figure indicates surplus liquidity, thereby net absorption through the banking system.
- The result of the ADF test carried out on the levels and the first difference for all variables showed that all variables were stationary in the first difference except for the Liquidity Adjustment Facility (LAF) variable, which was stationary at the level (Table 4).
- Results further indicated that the stationarity of the variables after the first difference was significant statistically. Therefore, the VAR model considered all the variables at the first and the LAF variable at the level.
- The cross-correlations among the different variables were calculated to determine the direction and nature of the interactions (Table 5).

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### Findings and results -Table 5

- Inflation showed a positive impact of around 5 bps on the ten year domestic sovereign bond yield.
- Found evidence regarding the impact of inflation on bond yields with varying degrees of impact and significance.
- International factors such as the rupee-dollar exchange rate and international crude oil price significantly affected long-term domestic sovereign bond yield.
- However, the extent of the increase in domestic sovereign bond yield was mild, with 3 bps and 0.6 bps, respectively.

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### Conclusion

- This study models ten-year domestic sovereign bond yield behavior with respect to a host of different factors.
- The results disclosed primary determinants to be the lagged value of 10 year bond yield and the 91-day treasury bill, followed by inflation, crude oil price, and exchange rate.
- Firstly, the sovereign bond yield behavior in India was mainly influenced by domestic fundamentals.
- Although international factors were significant, but the overall impact on the domestic bond yield remained mild.
- Secondly, long-term domestic bond yields were significantly determined by short-term domestic bond yield movements – Term structure theory.
- This supported existing work in the literature on the link between short-term and long-term yields.
- In a nutshell, the drivers of the sovereign bond yields determine the duration and magnitude of these yields, which ultimately shape the overall debt portfolio of the government.
- Therefore, maintaining confidence and market stability in India should be an important concern in maintaining fiscal stability and sovereign debt sustainability from a broader policy perspective.

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	Dependent Variable	1	2	3	4	5	6
Constant	(Intercept)	1.000	1.000	1.000	1.000	1.000	1.000
10 year nominal sovereign bond yield	1.000	1.000	1.000	1.000	1.000	1.000	
91 day treasury bill yield	0.000	0.000	0.000	0.000	0.000	0.000	
International crude oil price	0.000	0.000	0.000	0.000	0.000	0.000	
Domestic inflation	0.000	0.000	0.000	0.000	0.000	0.000	
LAF	0.000	0.000	0.000	0.000	0.000	0.000	
Exch rate	0.000	0.000	0.000	0.000	0.000	0.000	
Rupee-Dollar Exchange rate	0.000	0.000	0.000	0.000	0.000	0.000	
10 year nominal sovereign bond yield (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
91 day treasury bill yield (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
International crude oil price (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
Domestic inflation (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
LAF (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
Exch rate (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	
Rupee-Dollar Exchange rate (lagged)	0.000	0.000	0.000	0.000	0.000	0.000	

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### Findings and results -

- Variables such as the Repo rate, liquidity (represented by Liquidity Adjustment Facility or LAF), and the ten year US sovereign bond yield, although important indicators, had no significant impact according to the model estimation.
- A noteworthy point in the VAR model was that all factors had a positive impact, whether significant or not. It implied that a rise in these variables puts upward pressure on domestic bond yields.
- The only exception here was the ten year US sovereign bond yield, which negatively impacted the domestic bond yields.
- In international economic theory, interest rate differentials between two countries allowed for inward or outward capital flows. Therefore, bond yield fluctuations in the US and domestic sovereign bond markets had alternating effects owing to cross border capital flows.

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### Future of Bond Market

- Morgan Stanley estimates that \$40 billion would flow into Indian government bonds following inclusion into 2-of-3 global indices —Bloomberg Global Aggregate Index and JPM GBI-EM Global Diversified Index—with \$18.5 billion in annual inflows over the next decade.
- This would push foreign bond ownership, currently less than 2%, to 9% by 2031.
- As more foreign capital flows into Indian government bonds, the yield curve—or difference in short-term and long-term yields—could flatten by 50 basis points, or hundredths of a percentage point.

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VPM's Dr. V. N. Bedekar Institute of Management Studies

## Attendance Sheet - Training session

Training Topic : ISO 9001:2015 (Awareness training)

**Day & Time - 17th June 2022 , 2.00 PM to 5.00 PM**

Sr. No.	Name of the Participants	Signature
1.	Dipali Pecival	Dipali
2.	Dr. Atulamit D.	X 17/06/22
3	Meenakshi Malhotra	Meenakshi
4.	Mugdha A. Bhadarkamkar	MABhadarkamkar
5.	Sweta A. Nair	Sweta
6	Vibhuti Sane	Vibhuti
7	Sanjay Sapkal	Sanjay
8.	Dr. Pankaj Nandurkar	Pg
9.	Chaitanya Pawar	Chaitanya
10	Dipali B. Hindlekar	Dipali
11	Maheesh Bhagushal	Maheesh
12.	Sandeep Moghe	Sandeep
13.	Kishor Nimkar	Kishor
14.	Komal K. Punjani	Komal
15.	Siddhesh Soman	Siddhesh
16.	Pravin Narang	Pravin
17	V S Pandit	V S Pandit
18.	Nitin Joshi	Nitin Joshi
19.	Pallavi Chandwaskar	Pallavi



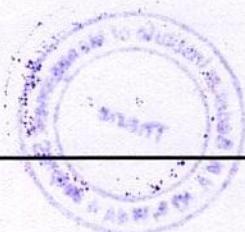


Journal Club Session	: Prof. Krunal Punjani
Date	: 28 / June / 2022

Sr. No.	Name	Signature
1.	Dr. Meenakshi Malhotra	Meenal
2.	Dr. Pallavi Chandwaskar	Pallavi
3	Dr. Smriti Jape	Smriti Jape 28/6/2022
4	Dipti Perival.	Dipti
5.	Mugdha Bhadkamkar	Mugdha Bhadkamkar
6	Vibhuti Sare	Vibhuti
7	Siddhesh Soman	Siddhesh
8	Mahesh Bhanushali	Mahesh Bhanushali
9	Dr. Pankaj A. Nandurkar	Pankaj
10.	Sandeep S. Moghe	Sandeep S. Moghe
11.	Nitin M. Joshi	Nitin M. Joshi
12.	Krunal K. Punjani	Krunal K. Punjani



SNo.	Name	Learnings
	Kiran Singh	<ul style="list-style-type: none"> <li>• How to make a joint.</li> <li>• How to make a bridge.</li> </ul>





**Journal Club Session** : Business Analysis of an Indian Unicorn

**Date** 8<sup>th</sup> March 2022

Sr. No.	Name	Signature
1.	Dr. Meenakshi Malhotra	Meenakshi
2.	Dr. Pallavi Chandwaskar	Pallavi
3	Vibhuti Sare	Vibhuti
4	Tanhvi Poddar	Poddar
5.	Mugdha A. Bhadkamkar	Mugdha A. Bhadkamkar
6.	Sandeep Moghe	Sandeep
7.	Nitin Joshi	Nitin
8.	Krunal K. Punjani	Krunal
9	Mahesh Bhanshali	Mahesh
10.	Chaitanya Pawar	Chaitanya
11	Dr. Guruprasad Murthy	Guruprasad
12	Dipti Parimal	Dipti





**Journal Club Session : Teachers as an entrepreneur**

**Date 3<sup>rd</sup> Feb 2022 :**

Sr. No.	Name	Signature
1	Prof. Siddhesh Soman	<u>Siddhesh</u>
2.	Mugdha Bhadkamkar	<u>MB</u>
3.	Sandeep Moghe	<u>SM</u>
4	Pankaj Nandarkar	<u>PN</u>
5	Chaitanya Tavar	<u>CT</u>
6.	Vibhuti Sare	<u>V.S.</u>
7.	Dr. Karman A.	<u>X</u>
8.	Prof. Krunal K. Pujjani	<u>KPK</u>
9	S. C. Agarwal	<u>SCA</u>
10	<u>L-104</u> Dr. Gopinath Murthy	<u>G.M.</u>





# Journal Club presentation: Teacher's as Entrepreneurs

DR. KANCHAN AKSHAY

## Learning Outcomes

1

2

## Why Entrepreneurship

- ❖ National Education Policy (NEP) drives to entrepreneurial revolution in India.
  - ❖ Management education acts as a fertile ground to develop entrepreneurial skills.
  - ❖ Independent thinking, ability to spot the opportunities, risk-taking ability and many more.
  - ❖ To instil confidence in their idea a classroom education and attitudinal training in entrepreneurship should go hand in hand.
  - ❖ As per Times news, India has emerged as the third largest start-up ecosystem in world after the US and China and the pace of growth is not showing any signs of slowing down.
  - ❖ Over the last year, India has added three unicorns every month taking the total count to 51, ahead of the UK (32) and Germany (18).
- A privately held start-up company valued at over \$1 billion or more is a unicorn.

## Defining

**Teacher:** a person whose job is to teach, especially in a school or college. (Oxford)  
**A teacher, also called a school teacher or formally an educator, is a person who helps students to acquire knowledge, competencies & virtue. (Wikipedia)**

**Entrepreneur:** a person who makes money by starting or running businesses, especially when this involves taking financial risks.

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## Entrepreneurial Teacher & their Competencies

*Entrepreneurial Teacher means the teacher demonstrates entrepreneurial behaviour in his or her ethos and practices and through his or her educational activities to sustain student's entrepreneurial learning processes thus developing students entrepreneurial competencies.*

*Entrepreneurial Orientation: EO is a combination of individual entrepreneurial traits, characteristics, attitudes and environmental factors, particularly highlighting **Innovativeness, risk-taking** and proactiveness.*

## Innovation & Risk- Taking

*Innovation in teaching refers to teacher's ability to design and deliver teaching and to assess student's learning in creative ways.*

*Risk-Taking refers to the lack of fear of failure and of losing control when trying out innovative teaching practices.*

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## Entrepreneurial Competences of Students

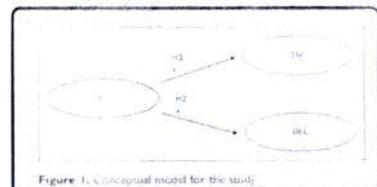
Entrepreneurial competences are needed in today's life, regardless of one works as an entrepreneur or an employee.

Students include skills of creativity, problem-solving, decision-making, entrepreneurship, how to apply their own skills in different environments etc.

Entrepreneurship education increases their knowledge, enhances their confidence and promotes their self-efficacy.

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## Conceptual Model of Study



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## Research Methodology

## Data Analysis

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## Findings and Discussions

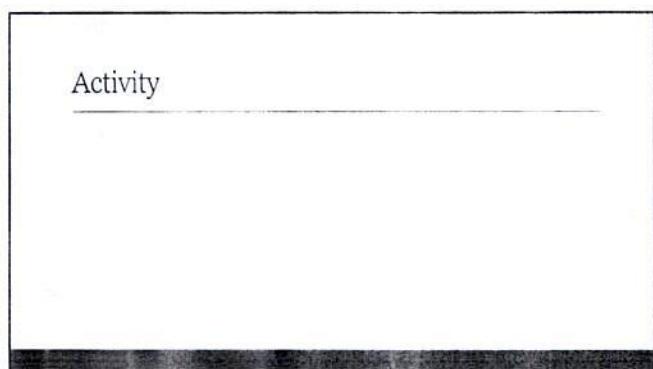
## Aspirations to Actions- For BRIMS

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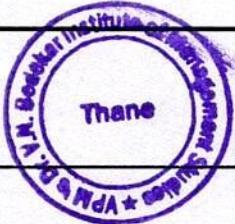






Journal Club Session	: Prof. Siddhesh Soman
	Topic - Mutual Fund Investment
Date	: 16 <sup>th</sup> Dec 2021

Sr. No.	Name	Signature
1	Dipti Perumal	Dipti
2.	Dr. Meenakshi Malhotra	Meenakshi
3	Janhavi C. Potdar	Potdar.
4.	Vibhuti Sare	Vibhuti
5.	Dr. Pallavi Chandwaskar	Pallavi
6	Dr. Sunila Jafre	Sunila
7	Mahesh Bhansali	Mahesh
8	Dr. Pankaj Nandwarker	Pankaj
9	Ravindra Narang	Ravindra
10	Sandeep Moghe	Sandeep
11.	Kanchan Akbaray	Kanchan
12	Mugdha. Bhadlicamkar	Mugdha
13.	Siddhesh Soman	Siddhesh
14.	Krunal K. Punjani	Krunal

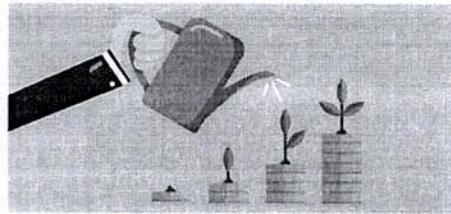




Sr. No.	Name	Learning's
1.	Dipti Permid	Very Illustrative presentation. - good blend of research paper & pragmatic approach. ① Interactive Session & informative. ② Would be a good area of Research ③
2.	Meenakshi Malhotra	
3.	Janhavi Patdar	got knowledge about parameters to be taken into consideration while comparing the MF schemes.
4.	Vibhuti Sare	learn to read Fact Sheet, which terms & ratios need to observe carefully.
5.	Gallavi Chandwaskar	Attributes to decide about selection of MF investments. Application & research aspect both clearly brought.
6.	Sandeep Moghe	We should see <del>the</del> the foll. things for better returns : small size, High NAV, Younger Fund & High PTR.
	Krunal K. Purjani	Different parameters to be considered for Mutual Fund investments.



## Journal Club on – Mutual Fund Investments



– Prof. Siddhesh Soman

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## Factors affecting MF Decisions

### Quantitative

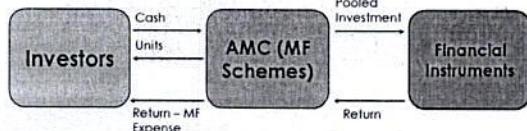
- Historical Returns
- Risk Measures
- MF Ratios
- Current NAV
- Portfolio Allocation
- Age of the Fund

### Qualitative

- Type of Scheme
- Style of Investing
- Exp./Qualification of MF Manager
- AMC Brand image
- Social influences

4

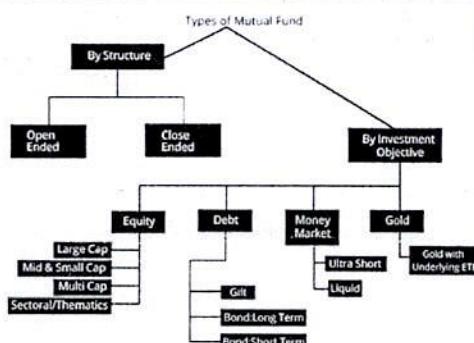
## Introduction to Mutual Funds



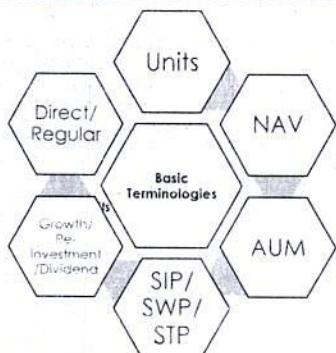
- In India, as of November 2021, there are 44 Asset Management Companies (AMCs) offering more than 2,500 schemes.
- Mutual Funds are regulated by SEBI and all AMCs are associated to AMFI (Association of Mutual Funds in India)
- The AUM of the Indian MF Industry has grown from ₹ 6.42 trillion as on 30th September, 2011 to ₹36.74 trillion as on September 30, 2021 more than 5% fold increase in a span of 10 years

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## Types of Mutual Fund



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## Types Mutual Funds (contd.)

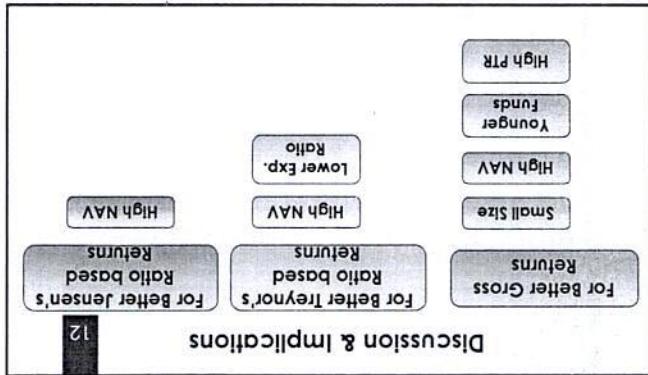
- Index Funds
- Fund of Funds
- Value Funds: Value investment strategy
- Contra Funds: Contrarian Strategy
- Focused Funds: Max 30 stocks only focused on a particular cap (min 65% in equity)
- Dividend Yield Funds: High dividend yield (min 65% in equity)
- ELSS: 3 year lock-in and tax benefits
- Arbitrage Funds
- Balanced Funds
- Business Cycle Funds

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## Research Paper Details

- | Old NAV                             |                   | Gross Returns:                            |  |
|-------------------------------------|-------------------|---|--|
| (New NAV - Old NAV) / Distribution  |                   | Alphab.                                   |  |
| (MF Scheme Return - CAPM Return)    |                   | Treynor's Measure:                        |  |
| MF Scheme Return - Risk-Free Return | Beta of MF Scheme | MF Scheme Return - Risk-Free Return x 100 | Portfolio Turnover Ratio (PTr): $\min(Sequities, Bonds) / \text{Solid} \times 100$ |
| (MF Scheme Return - CAPM Return)    | Beta of MF Scheme | Avg Net Assets                            | Expense Ratio (ExR): Multiplied fund scheme's Total expenses x 100                 |
| (New NAV - Old NAV) / Distribution  | (Old NAV)         | Gross Returns:                            | Multiplied fund scheme's Total expenses x 100                                      |

11

Findings			
Portfolio Attributed Relationship with Returns & Alpha	Relationship with Returns & Beta	Gross Return	Relationship with Beta & Earnings
Positive	Positive	Positive	Positive
Assets Under Management (AUML)	Negative	Neg	Neg
NAVI Asset Value	Positive	Positive	Positive
Expense Ratio (ExPf)	Neg	Neg	Neg
Fund Age (Age)	Neg	Neg	Neg

## Research Paper Details

- **Methodology:** Studied 8 Indian Open-ended equity mutual funds schemes with growth of their objective for the period of 2013 to 2019
  - **Variables:** Influence of various fund attributes on Mutual Fund performance in terms of Gross Returns and risk-adjusted measures
  - **Measures:** Number of funds under different categories in terms of Gross Returns and risk-adjusted measures
  - **Findings:** Using panel data regression model, with growth of their objective for the period of 2013 to 2019
  - **Conclusion:** Portfolio Turnover Ratio(PT), Assets Under Management (AUM), Net Asset Value (NAV), Expense Ratio (ExR) and Fund Age (Age)
  - **Limitations:** IV. Portfolio Turnover Ratio(PT), Assets Under Management (AUM), Net Asset Value (NAV), Expense Ratio (ExR) and Fund Age (Age)
  - **Future Research:** Diversification and Jensen's Alpha

10

7

- Research Paper: "Association between fund distributions and fund's performance: a panel data approach"
- Authors: Anilag Bhatnagar (Institute of Technology Sciences)
- Grantee(s): Gouthami
- Project Title: Physics Division (Humanities and Social Sciences), Motilal Nehru National Institute of Technology, Allahabad
- Amount: Bechmarking: An International Journal (Scopus & ABDC - Indexed)
- Publishing Entity: Emerald Publishing Limited
- Published In: March 2021



## Future Scope

13

### *3.3 Limitations of the study and future research directions*

There are certain factors which are not considered in the present study such as fund manager's expertise, age and educational qualification, persistence in performance, growth in fund size etc due to unavailability of the data for the present time period. The present study is strictly based on equity mutual funds. These factors can be accounted in future extended research to this study. The future scope of this research is to consider the other risk-adjusted performance measures and also to consider other categories of mutual fund schemes such as index mutual funds, debt funds and hybrid funds.

13

## How to study Mutual Fund Schemes

14

<https://www.morningstar.in/default.aspx>

<https://www.valueresearchonline.com>

14

**THANK YOU**

15



15



Dr. Vishnu Kanhere



Journal Club Session	: H 2 H MARKETING : THE GENESIS OF HUMAN TO HUMAN MARKETING
Date	: 30 <sup>th</sup> Oct - 2021

Sr. No.	Name	Signature
1	Dr. Gurpreet Rasheed Murthy	G. Rasheed
2	Nitin Toshi	Toshi
3	Pankaj Nandurkar	Pkj
4	Siddhesh Soman	Siddhesh
5	Prof. Krunal K. Punjani	KKP
6	Dr. Deepali Mishra	Deepali
7	Vibhuti Sare	Vibhuti
8	Dipali Peenwal	Dipali
9	Lanchan Akaray	X
10	Dr. Meenakshi Makhotia	Meenakshi



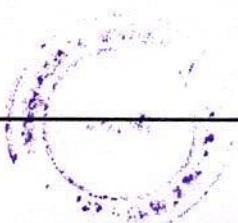
SNo.	Name	Learnings
3.	Pankaj Nandurkar	Very Informative session.
4.	Siddhesh Soman.	Very interesting Session, with a lot of concepts related to H2H marketing, omni-channels, innovation, design thinking. How marketing techniques need to evolve & integrate the learnings of H2H.
5.	Prof. Krunal K. Punjani	- Trust being an imp. pre-requisite. - 3 Influencing factors. • Design Thinking, service dominant logic & Digitalization.
6.	Prof. Dpti Peenwal	How technology and digitization can mediate in H2H connect. Question - How 2030 bring change from Target to Individual with lack of proper feedback system?
7.	Kanchan. T.	Importance of Customer Based View - Value based view.



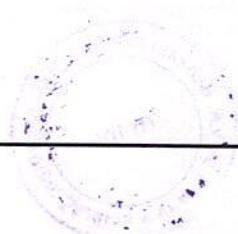


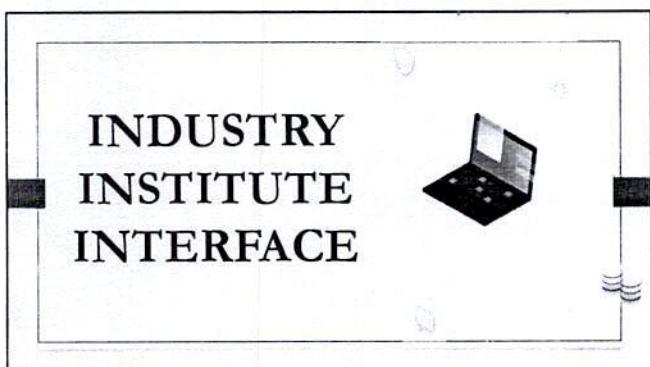
Journal Club Session : Industry Institute Interface  
Date : 7/09/2021

Sr. No.	Name	Signature
1	Prawin Navrang	
2.	Sandeep Moghe	
3.	Prof. Krunal K. Punjani	
4	Nitin Joshi	
5	Dr. Gumpreddy Murthy	
6	Mahesh Bhamashah	
7.	Vibhuti Save	
8.	Kanchan Akbaray	
9	Dr. Smita Tare	Date - 19/9/21
10.	Dr. Pallavi Chandwaskar	Date - 19/9/21
11	Dipti Patwardhan	

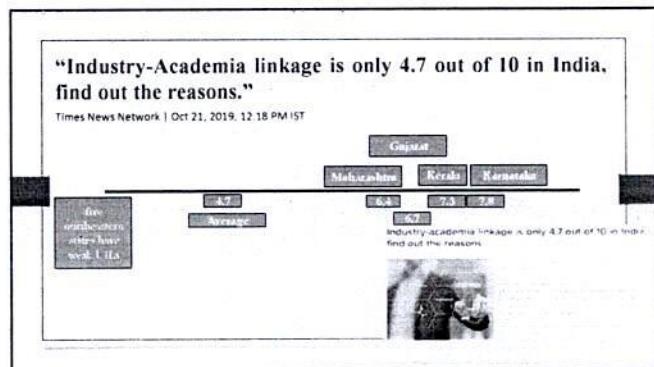


SNo.	Name	Learnings





1



2

### Highlights of Study

- "Industry consultation while setting the pedagogy, gaining patents and regular interaction will boost placement."
- "University Industry Linkages (UILs) are also important for the skill development of students and promotion of entrepreneurial skills,"

3

### INDUSTRY INSTITUTE INTERFACE

- Industries are striving to meet the challenges in current Scenario,
- leverage the benefits of new paradigm by
  - Adapting to the latest Technological Developments and Digitization
- Are we ready with the expectations of the Industry?

4

### INDUSTRY INSTITUTE INTERFACE

#### Purpose

- To promote closer interaction between the academic and Industries
- To provide Industrial Excellence platform in the Institute,
- To find out the gap between need of the industry and end product of the institute
- To offer research, development, and consultancy services to solve industrial problems.
- To share the experience and expertise between institution and industry for mutual benefits.

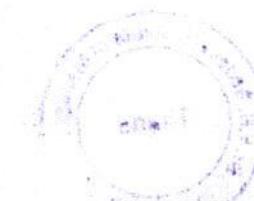
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### INDUSTRY INSTITUTE INTERFACE

#### Purpose

- National Board of Accreditation (NBA) has introduced outcome based assessment for accrediting colleges.
- This requires the involvement of industry in Curriculum Design, Delivery and Evaluation.

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**INDUSTRY INSTITUTE INTERFACE****Purpose**

- NBA accreditation, AICTE, all require
  - strong industry-institute interaction,
  - sponsored research,
  - consultancy by teachers,
  - industry experience faculties and
  - industry visits by students and faculties

7

**INDUSTRY INSTITUTE INTERFACE****Global Scenario**

The five largest university endowments

- Harvard University,
- University of Texas system,
- Yale University,
- Stanford University,
- Princeton University.

Each holds more than \$25 billion in assets

**Indian Scenario**

8

**INDUSTRY INSTITUTE INTERFACE**

- Industry interface is perhaps the most critical differentiator for B-schools worldwide.
- It also has a strong bearing on a school's intellectual capital.
- In India, the level of interface is very low and there are some misconceptions, too.
- Public relations work done for placing students such as organizing guest lectures and seminars are often the activity that B-schools do in the name of industry interface.

9

**INDUSTRY INSTITUTE INTERFACE**

- The critical indicators of the level of industry interface are
  - the number of joint research projects taken up with industry,
  - the number of field cases authored by faculty,
  - the number of live cases that students take up with industry,
  - the number of open management development programs (MDPs) conducted,
  - the number of consulting projects taken up by faculty and
  - the revenue generated from them, and
  - the frequency of revamping the curriculum and its relevance.

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**PLATFROMS FOR INDUSTRY INSTITUTE INTERFACE****INTERFACE**

- Visiting Lectures
- Chief Guests
- Key note speakers
- Seminar/Summit..
- Teachers and Students industry visits
- Internships
- Placement activities
- Governing Body members
- Syllabus Advisory Panel
- NISP
- Industry Sponsored Projects
- CEO Series

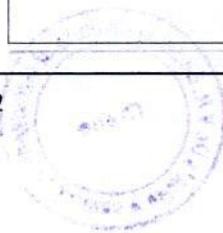


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**INDUSTRY INSTITUTE INTERFACE****Benefits to the Students**

1. Provides a gateway ensuring the future success of students
2. Helps establish a deeper understanding of the corporate world
3. Enables the students to realize the day-to-day operations they will have to perform
4. Prepares the learners for coping with real-time challenges

12



**INDUSTRY INSTITUTE INTERFACE****Faculty – Industry Connect**

- All faculty members must be active in at least one of the activities
- that connect them to industry which is
  - consultancy,
  - research projects and
  - training.
- The institute should aspire to have at least half of its revenue from these activities.

13

**INDUSTRY INSTITUTE INTERFACE****Faculty – Industry Connect**

- Industry Interaction helps in building up of useful case studies for improving the quality of future teaching.
- It provides an ability to identify research programs of industrial importance.

14

**INDUSTRY INSTITUTE INTERFACE**

- **CEO series**
- Will contribute to increase learning of student
- Effort to bridge the identified Curriculum Gap

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**Measures for INDUSTRY INSTITUTE INTERFACE**

1. Number of industry and professional organization training programs attended by teachers and students
2. Number of industry personnel attending institute seminars
3. Amount of research sponsorship&consultancy received
4. Number of students doing summer and winter projects in industry .
5. Number of jobs got as a result of such projects
6. Improved number and quality of placements
7. Institute rating as noticed through B-school surveys

16

