Shareholder Value Creation Of Selected Manufacturing Companies Listed In Bse 100 Index

Dr. Baddela Uday kumar¹, Dr. Mary Benitta Rani², Dr. R.Stephen Chellakan ³, Dr. Gulnar Sadat Mulla⁴, Dr. Saubhagyalaxmi Misra⁵

¹Faculty, University of Technology Bahrain.

²Assistant Professor, University of Technology Bahrain.

³Assistant Professor, University of Technology Bahrain.

⁴Faculty, University of Technology Bahrain.

⁵Assistant Professor, University of Technology Bahrain.

ABSTRACT

Shareholder Value Creation is turning into the new corporate methodology in India. Investor esteem is estimated by the profits they have gotten. The investors need basically least pace of profit from their speculation relying upon the danger in the venture. The organization might acquire preferred benefit over the contender yet it probably won't measure up to the investor's base assumptions. The explanation is that the financial exhibition of a business association is estimated according to the investor's perspective. Esteem added addresses the worth made by an undertaking during a particular period. The organizations can't run and develop, on the off chance that it neglects to make worth to its investors. In general the worth creation turns into the broadly acknowledged objective for each association. There are various worth based measures. Investor Value Added is one of the worth based presentation measures and assists with discovering the worth of the investors. It centers mostly around the working presentation of the organization and it consolidates pay articulation and asset report information to decide the abundance returns accessible to all investors. Investor Value Added is one of the worth based exhibition measures and assists with discovering the worth of the investors. It centers principally around the working exhibition of the organization and it joins pay explanation and monetary record information to decide the abundance returns accessible to all investors. Financial Value Added and Market Value Added additionally has arisen as generally well Webology (ISSN: 1735-188X) Volume 18, Number 2, 2021

known and proficient device to gauge the exhibition of the organization. EVA edifies whether the monetary benefit is to the point of taking care of the expense of capital or not. It is the most effective apparatus to defeat the limits of conventional monetary measures. Harsh Stewart and Co fostered this device to gauge by and large monetary measure that urge the organization to focus on the conveyance of investor esteem. Market Value Added is a proportion of investor's abundance. MVA is the distinction between the current absolute market worth of an organization and its contributed capital. It's anything but a presentation metric like EVA yet it is an abundance metric, estimating the degree of worth of an organization has amassed over the long run. With this foundation the analyst has taken this subject to dissect the worth creation among the chose organizations from BSE 100.

Keywords: Value creation, EVA, MVA, SVA

Introduction

Creating Wealth is the main objective of any business. Shareholder's wealth is measured by the returns they receive on their investment. Value creation helps profitable and sustainable growth of the company. Shareholders' wealth is calculated in conditions of the profits they obtain on their venture. The income can either be in the form of dividends or in the form of capital appreciation or both. Capital appreciation in turn depends on the subsequent changes in the market value of the shares. This market value of shares is influenced by a number of factors, which can be company specific, industry specific or macroeconomic in nature.¹

The value based management systems have been developed for value creation. In order to help corporate to generate value for shareholders, value-based management systems have been developed. Shareholders look forward to management to create worth to their shareholders greater than and above the costs of resources stimulated, together with the cost of using capital. If the shareholders are not receiving the fair return from the company, they may withdraw their capital and invest in some other stocks. Without value creation process, the company will always fight to get additional capital, since it will be restricted by a share price that stands at a discount to the underlying value of its assets and by higher interest rates on debt or bank loans demanded by creditors. The changes in the wealth on annual basis are called wealth creation. The firm has to make investment activities for positive Net Present Value. The value creation is measured on accounts based information and the wealth creation is measured on stock market information. Some Indian companies swallow capital, and most of it goes down the tubes. Not surprisingly, managements have been pleased to treat equity as free money on which no returns are due unless there is adequate profit. In fact, in such a situation, shareholder value is often the result of accidental circumstances rather than the outcome of genuine effort by professional management of corporate.²

¹ Mangala, Deepa and Joura Simpy, "Linkage between Economic Value Added and Market Value: An analysis in Indian context", Indian Management Studies Journal, June 2002, pp. 55-56.

² Gandhok, Tejaparan, "Implementing EVA", Indian Management, July 2002, p. 31.

For successful shareholder value creation, the company must have high quality proficient management or good corporate governance. All and sundry converse on the subject within and outside the organization, but not many are aware of as what to do and what not to do with reference to this concept. Nevertheless, the concept of good corporate governance is here to stay in this country as shareholders and financial institutions turn more down to business, feels Tejpavan Gadhok, Country Manager, India, for Stern Stewart and Company. According to him, "Indian companies on the whole have a poor average in wealth creation." Over 400 companies globally implement the Economic Value Added program, but it is still relatively a new modern technique for corporate performance measurement in India. ³

OBJECTIVES OF THE STUDY

- 1. To analyse the Shareholder Value Added, Economic Value Added and Market Value Added of select manufacturing companies listed in BSE 100 Index.
- 2. To examine the impact of economic variables (Wholesale Price Index, Gross Domestic Product and Money Supply) on value based measures of select manufacturing companies listed in BSE 100 Index.

METHODOLOGY

DATA USED

Secondary data were used for this study. The data were collected from the Annual Reports of the select companies of BSE 100 which were taken from Books, Journals, Magazines, Periodicals and Official websites. The researcher has selected sample companies from the companies listed in BSE 100 Index. The researcher has purposively selected all the 42 manufacturing companies for the study.

TOOLS FOR ANALYSIS

The researcher has used Mean, Standard Deviation, Co efficient of variation to know the central tendency and the homogeneity of the data were analysed for the study and LGR was used to know the growth rate of SVA, EVA and MVA. The SVA, EVA and MVA was calculated to know the value creation of the select manufacturing companies listed in BSE 100 Index. The Multivariate techniques is used for this study to know the impact of select economic variables on value based measures.

Shareholder Value Added: SVA = NOPAT - Cost of Capital; **Economic Value Added:** EVA = NOPAT - (WACC*Invested Capital); **Market Value Added** = Market Value of the firm - Capital Invested.

Regression Models Used: Yi (SVA) = $\alpha + \beta 1$ GDP + $\beta 2$ WPI + $\beta 3$ MONEYSUPPLY + ϵ ; Yi (EVA) = $\alpha + \beta 1$ GDP + $\beta 2$ WPI + $\beta 3$ MONEYSUPPLY + ϵ ; Yi (MVA) = $\alpha + \beta 1$ GDP + $\beta 2$ WPI + $\beta 3$ MONEYSUPPLY + ϵ

-

³ Venkatesh, S., EVA scorecard - What's Hot What's Not, Indian management, July 2002, p.33

Variables Used for the Study: Economic Variables: Wholesale Price Index, Gross Domestic Product, Money Supply.

SUMMARY RESULTS OF SVA, EVA AND MVA OF SELECT COMPANIES Table 1

S. No		npany ame	Ind	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-0
1	Uı	nited	Agri		•			•	•	•
	Phosp	phorous	_							
	I	Ltd								
		SVA		-47.54	-30.9	-217.98	18.4	13.38	98.39	82.95
	•	EVA		-24.78	-26.78	-16.27	-45.88	14.53	21.87	95.55
	•	MVA		-133.625	11.56	1321.44	-475.12	3353.06	3435.18	-959.7
2	A	BB	CG							
	Lir	nited								
		SVA		54.49	134.77	-50.45	140.39	165.82	330.32	466.59
		EVA		53.24	202.09	-484.3	95.06	-59.73	266.55	259.34
		MVA		602.77	2330.94	3497.21	7449.12	14823.21	5212.26	7982.8
3	Bł	narat	CG							
	Н	eavy								
	Elec	etricals								
	I	Ltd								
		SVA		-71.31	-103.82	110.41	387.39	1555.72	1892.77	2695.2
		EVA		460.7	436.954	650.042	951.926	1676.62	2004.15	2829.1
		MVA		34404.97	42237.29	188432.4	339289.6	562484.9	1265013	666869
4	Lar	sen &	CG							
	Tout	oro Ltd								
		SVA		-2753.96	-381.2	-884.4	-499.18	-731.44	-1420.37	-3082.5
		EVA		116.069	877.603	803.273	628.236	316.466	1411.97	1498.3
		MVA		52142.78	12154.59	24351.99	48759.1	78638.68	237005.8	82449.
5	Siem	ens Ltd	CG							
		SVA		-284.28	-247.28	-624.86	-577.78	-1101.72	-492.51	-1477.1
		EVA		86.6893	140	-41.682	235.744	333.509	581.411	561.85
		MVA		10250.13	35579.05	43423.82	119184.2	190722	318722	96334.
6			Div							
		SVA		114.25	183.34	213.85	335.84	346.75	436.15	943.18
		EVA		57.14	141.63	177.09	324.94	329.49	410.21	934.39
		MVA		-14.28	4551.31	-1378.15	-2051.82	1283.29	21278.63	1145.3
7	Dabu	ır India	FMCG							
	I	Ltd								
		SVA		57.55	109.45	-120.15	132.17	130.02	224.55	260.88

		EVA		1	51.66	8	33.76		70.2	1	45.22	1	70.13	2	246.71	30	01.04
	\ 	MVA			38.78		003.49		352.21		542.65		953.47		431.65		12.7
8	Hino	dustan	FMCG			<u> </u>											
		ver Ltd															
		SVA		16	506.21	19	942.59	16	571.81	11	186.94		1360	18	824.49	19	02.8
	'	EVA		16	517.85	20	001.81	13	371.46	11	129.72	10	062.89	18	812.87	19	10.0
	<u> </u>	MVA			642.07	42	483.63	29	357.66	41	269.95	45	266.03	45	135.92	542	219.3
9	I	TC Ltd	FM	ICG								_		_			
		SVA	A		2697.6	53	2265.6	51	2059.5	59	1570.0)6	1308.	.1	3102.7	5	322
	ļ	EVA	A		2346.0)2	1563.4	18	877.05	57	1495.6	55	854.73	38	3039.5	3	312
		MV			16184	8	240706	5.9	321083	3.6	529712	2.4	658533	3.4	789021	.4	643
10	Nestl	e India L		ICG								_		_		\Box	
		SVA			259.7		270.5		209.7		403.0		366.9		516.68		63
	l	EVA			262.04		241.60		294.61		405.57		390.01		524.72		640
<u> </u>	<u> </u>	MV			50381.	17	66352.	66	56189.	84	90176.	87	109269	9.9	144307	.5	139
11	Tata	a Tea Lto		ICG													
		SVA			63.79		129.6		-93.48		163.9		241.3		297.41		13
	l	EVA			67.363		178.88		-320.3		151.19		50.532		262.99		46
	<u> </u>	MVA			10490.	95	10672.	78	7201.7	71	9982.5	65	10128.	.52	11033.8	31	134
12	Uni	ted Spirti		ICG												\Box	
		SVA			10.73		72.7		-334.2		-3.8		369.4		293.25		24
	l	EVA			13.059		34.366		-199.2		14.684		385.92		299.60		199
		MV			2163.9) 6	3478.	7	6151.9) 2	24989.	65	80969.	.93	196645	.6	867
13	C :	ipla Ltd		IC													
	I	SVA			201.0		284.2		105.7		393.3		551.0		652.97		68
	l	EVA			200.8		306.0		41.96		392.3		556.3		637.11		62
		MVA			4469.5	8	6734.9	1 8	428.0	1	11551.	43	5065.5	56	13165.3	37	102
14		Reddy's		IC													
	Labo	ratories L							2.0		2==		2-				
	l	SVA			43.48		177.8		306.3		377.1		222.1		57.79		18
	l	EVA			59.342		212.86		317.05		366.29		148.15		34.219		81.
1 =		MV		·.C	70502.	UΙ	68110.	/5	108910	J. I	65300.	49	73926.	.37	134062	.6	121
15		lanbaxy		IC													
	Lat	oratories			026	0	220.7	0	201.7	1	220.1		CO	7.1	1000	,7	، ہ
	l	SVA			836.4		338.3		201.3		338.1		607.6		-1062.8		54 48
	l	EVA			912.90		552.10		-24.49		332.16		423.62		-1085.0		102
1.0	<u> </u>	Sup		<u></u>	10968	2	203084	+.9	231860	J.Y	132274	+.5	142799	J.8	155291	ر.	102
16	Dha	Sun maceutica		IC													
		maceutica nds Ltd	uis														
	11	nas Lta SVA			219.7	5	373.1		310.0	6	1484.4	11	1720.1	14	1390.9	,	120
	l	EVA			219.7.		398.56		6.0526		1484.2		1628.1		1368.0		11:
	1		A .		410.93	,0	ال.الارد	<i>,</i> 1	0.0320	<i>5</i> 0	17/0.	<i>,</i> 1	1020.	10	1200.0	1	11,

		1															
		MVA			28066.	.15	54663.	16	10187	1.5	125769	9.9	185008	3.4	244334	1.3	21′
17	A(CC ltd	H	R													
		SVA			121.6	66	148.0	2	-53.6	9	355.5	8	476.2	4	1213.2	24	138
		EVA			130.1	8	97.2	,	-4.96	5	346.7	1	453.4	2	1155.1	13	114
		MVA			289.8	31	1624.4	45	3205.9	91	6431.2	22	16822.	11	15273.	03	450
18	Aı	mbuja	H	R													
	Cem	ents Ltd															
		SVA			10373.	.97	8622.	71	12778.	.23	14409.	82	15585.	09	16675	.3	161
		EVA			10521	.4	8763.	53	12473	3.2	14392	.7	15458	.7	16692	.1	160
		MVA			24252.	.48	47092.	15	70988.	.42	106549	9.5	213038	3.9	223304	1.6	105
S.	Com	npany	Ind	20	002-03	20	003-04	20	004-05	20	005-06	20	06-07	20	07-08	20	08-0
No	Na	ıme	mu	20	102-03	20	703-0 -1	20	70 1 -03	20	005-00	20	700-07	20	707-00	20	00-0
19	Coal	India	M														
	L	td	and														
			PM														
		SVA		1	28.94		02.19		37.88		93.83		13.53		44.37		53.9
		EVA		4	28.99		12.26	-2	19.74		12.34	29	91.72		27.93		53.2
		MVA		53	379.95	17	291.08	25	661.28	54	722.94	11	15520	46	5326.5	266	628.7
20	Nati	ional	M														
	Alum	inium	and														
	Co	Ltd	PM														
		SVA		5	18.94	1	59.5	10)77.65	15	551.57	23	35.88	16	522.79	12	258.4
		EVA		5	66.92	75	59.616	11	00.84	1	548.8	22	291.38	16	502.76	97	6.61
		MVA		13	7392.4	679	9353.8	63	2512.4	11	88037	929	9507.1	26	87850	498	8057
21	Hino	dalco	M														
	Indust	ries ltd	and														
			PM														
		SVA		6	05.84	7	00.38	5	59.12	5	68.01	7	89.82	13	316.14	16	34.7
		EVA		59	97.637	8	73.45	-2	34.11	49	94.805	70).2573	10)12.49	88	5.39
		MVA		16	573.42	96	646.08	94	192.22	12	652.61	11:	507.55	12	2256.9	-10)366
22	Jinda	l Steel	M														_
	and F	Power	and														
	L	td	PM														
		SVA		1	35.49	3	25.89	3	87.62	5	59.27	6	52.73		221.7	15	14.7
		EVA		14	14.945	30	7.247	5	09.88	56	56.998	66	51.188	12	219.96	15	501.3
		MVA		50	62.909	94	190.64	13	793.51	23	900.93	34	214.3	23	5496.3	128	873.6
23	SA	AIL	M														
			and														
			PM														
		SVA		75	524.56	68	305.73	6	745.1	61	191.66	61	64.73	48	393.85	40	05.6
		EVA		75	535.33	68	314.71	67	752.03	6	200.3	61	69.14	48	397.41	40	05.1
		MVA		36	590.49	20:	563.18	25	5249.6	22	012.16	36	329.38	11	6909.7	313	337.2

					т				
24	Tata Steel Ltd	M	1	'	'	'	'	!	
	1	and	'	'	'	'	'	!	
	<u> </u>	PM	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	SVA		1003.47	1760.07	3368.45	3490.92	4173.52	4673.08	5179.8
	EVA		1007.07	1815.84	2948.77	3401.31	3709.03	4608.97	3987.7
	MVA		54552.91	161740.3	210979.5	206490.7	273951	679030	11610
25	Bharat	O&G						<u> </u>	
	Petroleum		1					!	'
	Corpn Ltd								
	SVA		825.21	881.67	1052	1676.11	885.79	276.41	1777.5
	EVA		781.6	709.44	1211.48	1029.54	856.97	28.15	1411.0
	MVA		-1340.58	5476.91	5228.61	2758.58	-7343.49	-2159.7	-1310
26	Gail (India)	O&G							
	Ltd				'			'	
	SVA		1178.63	1634.99	1864.3	1549.72	2304.4	2374.79	2595.1
	EVA		1184.77	1638.66	1868.79	1553.55	2096.18	2106.52	1749.2
	MVA		57349.41	218116.6	193334.6	220746.1	214052.3	451547.5	247110
27	Hindustan	O&G							
	Petroleum			Í		Í	ĺ		
	Corp Ltd	'			'			'	
	SVA		775.95	1560.73	1800.49	1264.54	355.36	1557.34	1509.6
	EVA		770.953	1667.67	1484.51	1200.09	-76.459	1485.25	1284.1
	MVA		116282.3	207968.3	302623.3	531591.2	761679.4	5199181	294882
28	Indian Oil	O&G							
	Corp Ltd			Í		Í	ĺ		
	SVA		2878.01	6137.32	6901.7	4877.59	4864.33	7436.52	6937.7
	EVA		2881.06	6153.15	6862.69	4865.69	4798.84	7424.52	6915.2
	MVA		184869.1	532950.2	598580.4	648963	524199.1	945549	506510
29	ONGC Ltd	O&G							
	SVA		10391.53	8673.59	12858.14	14399.55	15578.86	16663.17	16071.
	EVA		10492.3	8933.75	11984.9	14302.8	14999.1	16546	15898.
	MVA		494807.7	1135609	1164584	1670508	1855239	2638838	142294
30	Reliance	O&G	•						
	Industries Ltd			ĺ		ĺ	ĺ	1	
	SVA		3236.98	4128.26	5059.21	7558.78	9021.1	11929.25	19434.9
	EVA	 	3134.72	5080.66	3941.9	7199.79	7092.09	11474	18580.
	MVA		85928.38	803521.7	251553.2	296498	167611	78293.29	797344
31	NTPC Ltd	Pow	03720.55	003321	231333	270170	10/011	102/3.2/	1710
J.	SVA	10,,	3600.91	5296.01	5583.26	5796.88	6794.61	7398.38	8171.0
	EVA	+	3596.42	7084.9	-3745.6	5162.41	4813.65	7066.64	7504.4
	MVA		678754.5	858443.3	1103889	2042498	1476341	1928197	164006
	1V1 V /\(\tau\)	<u> </u>	0/0/5	030443.3	1103007	2042 4 70	14/05+1	1720171	104000

32	Reliance	Pow							
32	Infrastructure	100							
	Ltd								
	SVA		295.19	169.93	154.57	500.33	582.64	793.37	1004.6
	EVA		301.578	431.686	88.7103	481.27	350.962	625.337	439.14
	MVA		29602.38	86665.29	96637.66	127178.9	116287.4	495290.1	118883
33	Tata Power	Pow						12000	
	Co Ltd								
	SVA		500.97	565.12	288.26	530.04	542.98	683.35	840.89
	EVA		501.201	824.592	-943.11	436.916	181.597	587.345	602.54
	MVA		19653.36	59391.31	73786.09	82821.82	107223	316360.7	16023
34	Asian Paints	PC							
	Ltd								
	SVA		1083.37	1114.56	1010.03	1199.3	1980.54	4020.02	6222.4
	EVA		-8.74	304.26	-585.64	1022.07	1583.47	3924.33	6080.6
	MVA		2608.05	14549.09	35132.49	58619.67	109571.4	176418.3	118965
35	Grasim	Tex							
	Industries Ltd								
	SVA		24.49	86.26	-186.22	17.47	-15.21	37.63	24.81
	EVA		26.8423	284.677	-1290.5	-86.902	-509.83	-49.59	-213.8
	MVA		27102.92	89491.45	118237.8	124054.2	251402.1	330661.4	107040
36	Ashok	TE							
	Leyland Ltd								
	SVA		83.06	112.24	186.13	269.24	323.46	360.37	462.44
	EVA		44.89	97.06	163.18	262.19	308.18	343.22	421.33
	MVA		10601.62	33737.51	1712.35	2598.31	-6663.76	-6354.82	-11305
37	Bharat Forge	TE			T				
	Ltd	1	1	İ					
	Liu								
	SVA		71.82	167.4	-60.64	186.62	172.53	256.98	
	SVA EVA		79.0796	304.053	-836.81	186.62 112.624	-162.01	199.097	-62.32
	SVA EVA MVA				+				-62.32
38	SVA EVA MVA Cummins	TE	79.0796	304.053	-836.81	112.624	-162.01	199.097	-62.32
38	SVA EVA MVA	TE	79.0796	304.053	-836.81	112.624	-162.01 76447.88	199.097	-62.32 14049.
38	SVA EVA MVA Cummins India Ltd SVA	TE	79.0796 5933.35 546.99	304.053 27373.1 638.67	-836.81 39469.55 222.93	112.624 83145.41 411.06	-162.01 76447.88 211.42	199.097 74771.51 225.76	-62.32 14049.
38	SVA EVA MVA Cummins India Ltd SVA EVA	TE	79.0796 5933.35 546.99 590.087	304.053 27373.1	-836.81 39469.55	112.624 83145.41 411.06 426.014	-162.01 76447.88 211.42 247.21	199.097 74771.51 225.76 230.828	-62.32 14049. 147.69 156.88
	SVA EVA MVA Cummins India Ltd SVA EVA MVA		79.0796 5933.35 546.99	304.053 27373.1 638.67	-836.81 39469.55 222.93	112.624 83145.41 411.06	-162.01 76447.88 211.42	199.097 74771.51 225.76	-62.32 14049. 147.69 156.88
38	SVA EVA MVA Cummins India Ltd SVA EVA MVA Hero T		79.0796 5933.35 546.99 590.087	304.053 27373.1 638.67 622.371	-836.81 39469.55 222.93 338.419	112.624 83145.41 411.06 426.014	-162.01 76447.88 211.42 247.21	199.097 74771.51 225.76 230.828	-62.32 14049. 147.69 156.88
	SVA EVA MVA Cummins India Ltd SVA EVA MVA Hero Honda		79.0796 5933.35 546.99 590.087	304.053 27373.1 638.67 622.371	-836.81 39469.55 222.93 338.419	112.624 83145.41 411.06 426.014	-162.01 76447.88 211.42 247.21	199.097 74771.51 225.76 230.828	-62.32 14049. 147.6 156.88
	SVA EVA MVA Cummins India Ltd SVA EVA MVA Hero Honda Motors		79.0796 5933.35 546.99 590.087	304.053 27373.1 638.67 622.371	-836.81 39469.55 222.93 338.419	112.624 83145.41 411.06 426.014	-162.01 76447.88 211.42 247.21	199.097 74771.51 225.76 230.828	-62.32 14049. 147.69 156.88
	SVA EVA MVA Cummins India Ltd SVA EVA MVA Hero Honda Motors Ltd	E	79.0796 5933.35 546.99 590.087 12134.86	304.053 27373.1 638.67 622.371 39431.43	-836.81 39469.55 222.93 338.419 52148.86	112.624 83145.41 411.06 426.014 54844.61	-162.01 76447.88 211.42 247.21 110165.8	199.097 74771.51 225.76 230.828 144171.2	-62.32 14049. 147.69 156.88 47831.:
	SVA EVA MVA Cummins India Ltd SVA EVA MVA Hero Honda Motors	E 82	79.0796 5933.35 546.99 590.087 12134.86	304.053 27373.1 638.67 622.371 39431.43	-836.81 39469.55 222.93 338.419 52148.86	112.624 83145.41 411.06 426.014 54844.61	-162.01 76447.88 211.42 247.21 110165.8	199.097 74771.51 225.76 230.828 144171.2 27.75 2	147.69 156.88

		MVA									
				53002.19	88064.63	112014.9	169609.5	150257.9	136745.2	157399.7	3
40	Ma	hindra	TE								
		and									
	Ma	hindra									
		Ltd									
		SVA		35.23	164.51	112.6	486.32	784.24	1010.24	957.21	
		EVA		94.9578	263.875	-168.43	449.443	560.919	978.201	846.589	
		MVA									
				12212.06	44022.54	61977.66	117843.4	213382	201576.4	69143.2	2
41	N.	Iaruti	TE								
	S	uzuki									
	Inc	lia Ltd									
		SVA		99.16	192.03	322.7	834.87	1123.03	1549.08	1702.94	
		EVA		103.624	378.956	-380.22	752.626	585.636	1402.25	1497.36	
		MVA									
				12971.13	43456.39	61650.85	117461.3	212210.3	200610.8	71756.31	2
42	-	Гata	TE								
	M	lotors									
		Ltd									
		SVA		-103.33	299.62	539.78	875.55	1414.06	1866.02	1931.22	
		EVA		-57.131	641.74	-369.26	1168.74	1226.91	1821.31	1533.83	
		MVA									
				50408.59	156605.1	179846.2	247999	344488.4	281199	68791.52	4

Larsen and Toubro Ltd, Siemens Ltd, Ranbaxy Laboratories Ltd, ACC Ltd, National Aluminium Ltd, Asian Paints Ltd and Tata Motors Ltd have decreasing trend of SVA during the period of study. ABB Ltd, Tata Chemicals ltd, Tata Tea Ltd, Cipla Ltd SAIL have inconsistent growth in SVA. All other companies have created Shareholder value in positive manner.

ABB Ltd, Larsen and Toubro Ltd, Ranbaxy laboratories Ltd, ACC Ltd, National Aluminium Ltd, Gail India ltd and Asian Paints Ltd has decreasing trend of EVA during the study period. Tata Chemicals Ltd, Tata Tea Ltd, Hindustan Industries Ltd and SAIL have inconsistent growth of EVA. All other companies have positive EVA during the study period.

National Aluminium Ltd, Bharat Petroleum Corpn Ltd, Grasim Industries Ltd have negative growth of MVA during the study period. Cipla Ltd, SAIL, GAIL India Ltd, Hindustan Petroleum Corpn Ltd, Reliance Industries Ltd, Reliance Infrastructure Ltd, Tata Power Ltd, Asian Paints Ltd, Hero Honda Motors Ltd and Mahindra and Mahindra Ltd has positive growth of MVA except the last year of the study period. All other companies has positive growth of MVA.

All the companies have created positive value creation during the study period except Siemens Ltd and Ranbaxy Laboratories Ltd. During the study period, ABB Ltd, Larsen and Toubro Ltd, Ranbaxy laboratories Ltd, Gail India Ltd, Grasim Industries Ltd and Bharat Forge

Ltd have not created Economic Profit. All the sample companies have created wealth to their shareholders except Bharat Petroleum Corporation Ltd.

IMPACT OF SELECT ECNOMIC VARIABLES ON VALUE BASED MEASURES

Ho: The economic variables does not influence the value creation of select manufacturing companies listed in BSE 100 Index.

Ha: The economic variable influence the value creation of select manufacturing companies listed in BSE 100 Index.

Table 2 - An Analysis of Impact of Wholesale Price Index, Gross Domestic Product and Money Supply on SVA of sample companies - Multiple Regression Results

	<u> </u>	110			ic compan				ı
S. No.	Company Name	Indust ry Name	R	R Squa re	Adjus ted R Squar e	Durb in Wats on	F	Sig.	Hypoth esis Accepte d/ Rejecte d
1.	United Phosphorou s Ltd	Agri.	.72 1ª	.520	.280	2.286	2.168	.19 3 ^b	Accepte d
2.	ABB Limited	CG	.96 5ª	.931	.896	2.370	26.922	.00 1 ^b	Rejecte d
3.	Bharat Heavy Electricals Ltd	CG	.99 2ª	.984	.975	1.946	119.39 0	.00 0 ^b	Rejecte d
4.	Larsen & Toubro Ltd	CG	.82 7 ^a	.684	.526	2.191	4.330	.06 0 ^b	Accepte d
5.	Siemens Ltd	CG	.73 3 ^a	.538	.307	3.076	2.327	.17 4 ^b	Accepte d
6.	Tata Chemicals Ltd	Div.	.93 4ª	.872	.808	2.332	13.659	.00 4 ^b	Rejecte d
7.	Dabur India Ltd	FMCG	.94 0 ^a	.884	.826	2.467	15.238	.00 3 ^b	Rejecte d
8.	Hindustan Unilever Ltd	FMCG	.93 0ª	.864	.796	2.601	12.732	.00 5 ^b	Rejecte d
9.	ITC Ltd	FMCG	.98 8 ^a	.976	.964	2.987	80.739	.00 0 ^b	Rejecte d
10.	Nestle India Ltd	FMCG	.38 5 ^a	.148	278	2.842	.348	.79 2 ^b	Accepte d

11.	Tata Tea Ltd	FMCG	.93 9 ^a	.882	.823	1.940	14.963	.00 3 ^b	Rejecte d
12.	United Spirtis	FMCG	.69 1ª	.478	.217	2.570	1.831	.24 2 ^b	Accepte d
13.	Cipla Ltd	НС	.88 6 ^a	.785	.677	3.150	7.296	.02 0 ^b	Rejecte d
14.	Dr Reddy's Laboratorie s Ltd	НС	.87 8 ^a	.770	.655	2.938	143.21 245	2.0 10	Accepte d
15.	Ranbaxy Laboratorie s	НС	.99 3ª	.987	.980	2.010	149.97 2	.00 0 ^b	Rejecte d
16.	Sun Pharmaceut icals Inds Ltd	НС	.89 0ª	.793	.689	2.699	7.644	.01 8 ^b	Rejecte d
17.	ACC ltd	Hou.R el	.90 5 ^a	.820	.729	2.187	9.086	.01 2 ^b	Rejecte d
18.	Ambuja Cements Ltd	Hou.R el	.93 6ª	.876	.814	2.905	14.137	.00 4 ^b	Rejecte d
19.	Coal India Ltd	Mand PM	.85 7 ^a	.735	.602	1.975	5.547	.03 6 ^b	Rejecte d
20.	National Aluminium Co Ltd	Mand PM	.95 4ª	.910	.864	1.770	20.131	.00 2 ^b	Rejecte d
21.	Hindalco Industries ltd	Mand PM	.98 3 ^a	.966	.949	3.006	57.070	.00 0 ^b	Rejecte d
22.	Jindal Steel and Power Ltd	Mand PM	.60 2 ^a	.363	.044	2.504	1.138	.40 6 ^b	Accepte d
23.	SAIL	Mand PM	.73 4 ^a	.538	.307	1.818	2.331	.17 4 ^b	Accepte d
24.	Tata Steel Ltd	Mand PM	.96 1ª	.923	.884	2.120	23.887	.00 1 ^b	Rejecte d
25.	Bharat Petroleum Corpn Ltd	O & G	.92 5ª	.856	.784	1.715	11.900	.00 6 ^b	Rejecte d
26.	Gail (India) Ltd	O & G	.52 4 ^a	.275	088	3.038	465.12 458	1.7 73	Accepte d

27.	Hindustan Petroleum Corp Ltd	O & G	.70 7ª	.499	.249	1.773	1.994	.21 6 ^b	Accepte d
28.	Indian Oil Corp Ltd	O&G	.92 2 ^a	.849	.774	2.466	11.279	.00 7 ^b	Rejecte d
29.	ONGC Ltd	O & G	.97 0 ^a	.941	.912	2.263	32.016	.00 0 ^b	Rejecte d
30.	Reliance Industries Ltd	O & G	.83 3ª	.694	.540	2.559	4.529	.05 5 ^b	Rejecte d
31.	NTPC Ltd	Pow	.66 2 ^a	.438	.157	1.571	1.560	.29 4 ^b	Accepte d
32.	Reliance Infrastructu re Ltd	Pow	.98 6 ^a	.972	.959	2.117	70.578	.00 0 ^b	Rejecte d
33.	Tata Power Co Ltd	Pow	.98 7ª	.975	.963	2.795	78.355	.00 0 ^b	Rejecte d
34.	Asian Paints Ltd	Petro chem	.98 6 ^a	.973	.959	2.326	71.443	.00 0 ^b	Rejecte d
35.	Grasim Industries Ltd	Text	.97 4 ^a	.948	.923	2.482	36.749	.00 0 ^b	Rejecte d
36.	Ashok Leyland Ltd	TE	.49 1 ^a	.241	139	2.308	.634	.62 0 ^b	Accepte d
37.	Bharat Forge Ltd	TE	.97 9 ^a	.959	.938	2.832	46.468	.00 0 ^b	Rejecte d
38.	Cummins India Ltd	TE	.39 4 ^a	.155	267	2.279	.368	.77 9 ^b	Accepte d
39.	Hero Honda Motors Ltd	TE	.43 4 ^a	.189	217	2.803	.465	.71 7 ^b	Accepte d
40.	Mahindra and Mahindra Ltd	TE	.97 1 ^a	.942	.914	2.285	32.693	.00 0 ^b	Rejecte d
41.	Maruti Suzuki India Ltd	TE	.98 0 ^a	.961	.942	1.988	49.374	.00 0 ^b	Rejecte d
42.	Tata Motors Ltd	TE	.98 2ª	.964	.946	2.430	53.142	.00 0 ^b	Rejecte d

a. Dependent Variable: SVA; b. Predictors (Constant) GDP, WPI, Money Supply; Level of Sig. 5%

The Table 2 has shown the correlation coefficient of ABB ltd, Bhraat Heavy Electricals Ltd. Dabur India Ltd. Hindustan Unilever Ltd, **ITC** Ltd, Cipla Ltd, Dr. Reddy's Laboratories Ltd, ACC Ltd, Hindal co Industries Ltd, Jindal Steel and Power Ltd, SAIL, Tata Steel Ltd, Gail India ltd, ONGC Ltd, Reliance Industries Ltd, NTPC Ltd, Reliance Infrastructure Ltd, Tata Power Co Ltd, Ashok Leyland ltd and Tata Motors Ltd shown strong positive relationship. Grasim Industries, Hindustan Petroleum corporations, Bharat Petroleum, National Aluminium have moderate correlation between the variables. Bharat Heavy Electricals Ltd, Hindustan Unilever Ltd, Nestle India Ltd, Ambuja Cements Ltd, Hindalco Industries ltd, Jindal Steel and Power Ltd, SAIL, Tata Steel Ltd, Gail India Ltd, ONGC, Reliance Industries Ltd, NTPC, Asian Paints Ltd have positive auto correlation between the variables. Out of 42 Companies, 28 company's statistical significance value is less than 0.05 at 5% sig level. So Null hypothesis is Rejected and 14 companies have accepted the Null hypothesis.

Table 3. An Analysis of Impact of Wholesale Price Index, Gross Domestic Product and Money Supply on EVA of sample companies - Multiple Regression Results

S. No.	Company Name	Indust ry Name	R	R Squa re	Adjus ted R Squar e	Durb in Wats on	F	Sig.	Hypoth esis Accepte d/ Rejecte d
	United Phosphorou s Ltd	Agri.	.92 1ª	.848	.772	2.317	11.15	.00 7 ^b	Reject ed
2.	ABB Limited	CG	.44 2 ^a	.195	207	2.671	.486	.70 4 ^b	Accept ed
3.	Bharat Heavy Electricals Ltd	CG	.99 2ª	.983	.975	2.080	116.7 58	.00 0 ^b	Rejecte d
4.	Larsen & Toubro Ltd	CG	.95 8 ^a	.917	.876	2.546	22.18	.00 1 ^b	Rejecte d
5.	Siemens Ltd	CG	.97 5ª	.950	.926	2.514	38.30 7	.00 0 ^b	Rejecte d
6.	Tata Chemicals Ltd	Div.	.93 4 ^a	.873	.810	2.362	13.77	.00 4 ^b	Rejecte d
7.	Dabur India Ltd	FMCG	.99 6 ^a	.992	.988	2.807	247.3 90	.00 0 ^b	Rejecte d
8.	Hindustan Unilever Ltd	FMCG	.88 3ª	.780	.671	1.810	7.111	.02 1 ^b	Rejecte d

9.	ITC Ltd	FMCG	.93	.879	.818	2.098	14.47	.00	Rejecte
		TWICG	7 ^a	.019	.010	2.096	1	4 ^b	d
10.	Nestle India Ltd	FMCG	.99 5 ^a	.991	.986	2.424	212.4 45	.00 0 ^b	Rejecte d
11.	Tata Tea Ltd	FMCG	.34 8 ^a	.121	318	2.854	.276	.84 1 ^b	Accepte d
12.	United Spirtis	FMCG	.69 6 ^a	.484	.226	1.761	1.874	.23 5 ^b	Accepte d
13.	Cipla Ltd	НС	.87 3 ^a	.762	.643	2.237	6.409	.02 7 ^b	Rejecte d
14.	Dr Reddy's Laboratorie s Ltd	НС	.93 2ª	.868	.803	2.133	13.19	.00 5 ^b	Rejecte d
15.	Ranbaxy Laboratorie s	НС	.53 6 ^a	.287	069	3.000	.807	.53 4 ^b	Accept ed
16.	Sun Pharmaceuti cals Inds Ltd	НС	.63 0 ^a	.397	.095	1.890	1.315	.35 4 ^b	Accepte d
17.	ACC ltd	Hou.R el	.56 2ª	.316	026	2.418	.923	.48 5 ^b	Accepte d
18.	Ambuja Cements Ltd	Hou.R el	.97 0ª	.940	.910	2.180	31.32 0	.00 0 ^b	Reject ed
19.	Coal India Ltd	Mand PM	.80 2ª	.643	.465	2.505	3.603	.08 5 ^b	Accepte d
20.	National Aluminium Co Ltd	Mand PM	.63 7ª	.406	.109	1.580	1.368	.33 9 ^b	Accepte d
21.	Hindalco Industries Itd	Mand PM	.07 8 ^a	.006	491	2.706	.012	.99 8 ^b	Accepte d
22.	Jindal Steel and Power Ltd	Mand PM	.98 7ª	.974	.962	2.688	76.13 1	.00 0 ^b	Rejecte d
23.	SAIL	Mand PM	.98 6 ^a	.973	.959	2.324	71.75 6	.00 0 ^b	Rejecte d
24.	Tata Steel Ltd	Mand PM	.90 4 ^a	.817	.726	2.499	8.934	.01 2 ^b	Rejecte d
25.	Bharat Petroleum Corpn Ltd	O & G	.44 0 ^a	.194	210	2.209	.480	.70 8 ^b	Accept ed

26.	Gail (India) Ltd	O & G	.95 6 ^a	.914	.872	1.653	21.36 0	.00 1 ^b	Reject ed
27.	Hindustan Petroleum Corp Ltd	O & G	.35 1 ^a	.123	315	2.377	.281	.83 8 ^b	Accept ed
28.	Indian Oil Corp Ltd	O & G	.43 2 ^a	.187	220	2.798	.460	.72 1 ^b	Accept ed
29.	ONGC Ltd	O & G	.96 7ª	.936	.903	2.178	29.08 7	.00 1 ^b	Rejecte d
30.	Reliance Industries Ltd	O & G	.92 1 ^a	.848	.772	2.198	11.15 1	.00 7 ^b	Rejecte d
31.	NTPC Ltd	Pow	.68 6 ^a	.470	.205	2.920	1.774	.25 2 ^b	Accepte d
32.	Reliance Infrastructur e Ltd	Pow	.37 4 ^a	.140	290	2.743	.325	.80 8 ^b	Accepte d
33.	Tata Power Co Ltd	Pow	.26 0 ^a	.068	398	2.673	.146	.92 9 ^b	Accept ed
34.	Asian Paints Ltd	Petro chem	.99 7ª	.995	.992	3.413	373.1 64	.00 0 ^b	Reject ed
35.	Grasim Industries Ltd	Text	.32 5ª	.105	342	2.627	.236	.86 9 ^b	Accept ed
36.	Ashok Leyland Ltd	TE	.93 8ª	.880	.820	1.935	14.62 1	.00 4 ^b	Reject ed
37.	Bharat Forge Ltd	TE	.18 0 ^a	.032	451	2.663	.067	.97 6 ^b	Accept ed
38.	Cummins India Ltd	TE	.93 3 ^a	.870	.805	2.778	13.41	.00 5 ^b	Reject ed
39.	Hero Honda Motors Ltd	TE	.80 0 ^a	.640	.461	2.814	3.563	.08 7 ^b	Accept ed
40.	Mahindra and Mahindra Ltd	TE	.85 0 ^a	.723	.584	2.960	5.208	.04 2 ^b	Reject ed
41.	Maruti Suzuki India Ltd	TE	.72 6 ^a	.527	.290	2.458	2.228	.18 6 ^b	Accepte d
42.	Tata Motors Ltd	TE	.48 2 ^a	.233	151	2.625	.607	.63 4 ^b	Accepte d

a. Dependent Variable: EVA; b. Predictors (Constant) GDP, WPI, Money Supply; Level of Sig. 5%

The table 3 has shown that the United phosphorus Ltd, ABB Ltd, Larsen and Toubro Ltd, Siemens Ltd, Tata Chemicals Ltd, Hindustan Unilever Ltd, ITC Ltd, Nestle India Ltd, Dr Reddy's laboratories Ltd, Ambuja Cements Ltd, Jindal Steel and Power Ltd, SAIL, Tata Steel Ltd, Gain India Ltd, ONGC Ltd, Reliance Industries Ltd, Asian Paints Ltd, Ashok Leyland Ltd and Cummins India Ltd have Strong positive correlation between the variables. Hindustan Petroleum, Indian Oil Corporation, Hindalco Industries Ltd, Grasim Textile Ltd and Bharat Forge Ltd have moderate but positive correlation between the variables. Durbin Watson Test shows the positive auto correlation between the variables of United Spirits, Sun Pharmaceuticals Ltd, National Aluminium corporation, Gail India Ltd and Ashok Leyland. Out of 42 Companies, 23 companies have rejected the Null Hypothesis and 19 companies have accepted the Null Hypothesis.

Table 4. An Analysis of Impact of Wholesale Price Index, Gross Domestic Product and Money Supply on MVA of sample companies - Multiple Regression Results

S. N o.	Company Name	Indust ry Name	R	R Squa re	Adjust ed R Square	Durbi n Wats on	F	Sig.	Hypothe sis Accepte d/ Rejected
1.	United Phosphorous Ltd	Agri.	.46 3ª	.215	178	2.370	.547	.66 8 ^b	Accepte d
2.	ABB Limited	CG	.75 1 ^a	.563	.345	2.048	2.580	.14 9 ^b	Accepte d
3.	Bharat Heavy Electricals Ltd	CG	.80 4ª	.647	.470	2.160	3.665	.08 2 ^b	Rejecte d
4.	Larsen & Toubro Ltd	CG	.75 9 ^a	.575	.363	2.167	2.711	.13 8 ^b	Accepted
5.	Siemens Ltd	CG	.70 5 ^a	.497	.246	1.880	1.979	.21 9 ^b	Accepted
6.	Tata Chemicals Ltd	Div.	.32 4ª	.105	342	2.190	.235	.86 9 ^b	Accepted
7.	Dabur India Ltd	FMCG	.87 7 ^a	.769	.654	2.968	6.662	.02 4 ^b	Rejected
8.	Hindustan Unilever Ltd	FMCG	.95 2ª	.905	.858	2.745	19.14 2	.00 2 ^b	Rejected
9.	ITC Ltd	FMCG	.98 8 ^a	.977	.965	1.824	83.22 9	.00 0 ^b	Rejected

10.	Nestle India Ltd	FMCG	.99 3 ^a	.987	.980	2.414	147.2 14	.00 0 ^b	Rejected
11.	Tata Tea Ltd	FMCG	.94 3ª	.889	.834	2.483	16.03 1	.00 3 ^b	Rejected
12.	United Spirtis	FMCG	.75 6 ^a	.571	.357	2.089	2.667	.14 2 ^b	Accepte d
13.	Cipla Ltd	НС	.92 4 ^a	.854	.781	2.869	11.66 8	.00 6 ^b	Rejected
14.	Dr Reddy's Laboratories Ltd	НС	.93 9ª	.881	.822	2.046	14.81	.00 4 ^b	Rejected
15.	Ranbaxy Laboratories	НС	.38 5 ^a	.149	277	1.905	.349	.79 2 ^b	Accepte d
16.	Sun Pharmaceuti cals Inds Ltd	НС	.98 6ª	.972	.959	2.531	70.44 8	.00 0 ^b	Rejected
17.	ACC ltd	Hou.R el	.85 8 ^a	.736	.605	2.488	5.589	.03 6 ^b	Rejected
18.	Ambuja Cements Ltd	Hou.R el	.81 4 ^a	.663	.494	1.676	3.928	.07 3 ^b	Accepte d
19.	Coal India Ltd	Mand PM	.46 5 ^a	.216	175	1.869	.553	.66 5 ^b	Accepted
20.	National Aluminium Co Ltd	Mand PM	.52 8 ^a	.279	081	2.443	.774	.54 9 ^b	Accepted
21.	Hindalco Industries ltd	Mand PM	.42 2 ^a	.178	233	2.117	.433	.73 7 ^b	Accepted
22.	Jindal Steel and Power Ltd	Mand PM	.28 3ª	.080	380	2.193	.173	.91 1 ^b	Accepted
23.	SAIL	Mand PM	.63 2ª	.400	.100	2.380	1.333	.34 9 ^b	Accepted
24.	Tata Steel Ltd	Mand PM	.57 9 ^a	.335	.003	2.269	1.009	.45 1 ^b	Accepted
25.	Bharat Petroleum Corpn Ltd	O & G	.90 3ª	.816	.723	2.365	8.846	.01 3 ^b	Rejected
26.	Gail (India) Ltd	O & G	.88 2 ^a	.777	.666	2.350	6.986	.02 2 ^b	Rejected
27.	Hindustan Petroleum Corp Ltd	O & G	.06 1 ^a	.004	494	2.101	.007	.99 9 ^b	Accepte d

28.	Indian Oil Corp Ltd	O & G	.51 9ª	.269	097	2.520	.736	.56 8 ^b	Accepted
29.	ONGC Ltd	O & G	.57 6 ^a	.331	003	2.543	.992	.45 8 ^b	Accepted
30.	Reliance Industries Ltd	O & G	.59 2ª	.351	.026	2.453	1.080	.42 6 ^b	Accepted
31.	NTPC Ltd	Pow	.62 8 ^a	.394	.091	2.618	1.301	.35 7 ^b	Accepted
32.	Reliance Infrastructur e Ltd	Pow	.41 7 ^a	.174	239	2.381	.422	.74 4 ^b	Accepted
33.	Tata Power Co Ltd	Pow	.83 9 ^a	.704	.556	2.403	4.764	.05 0 ^b	Rejecte d
34.	Asian Paints Ltd	Petro chem	.64 2 ^a	.413	.119	1.777	1.405	.33 0 ^b	Accepted
35.	Grasim Industries Ltd	Text	.56 6 ^a	.320	019	2.050	.943	.47 7 ^b	Accepted
36.	Ashok Leyland Ltd	TE	.78 0 ^a	.609	.413	2.653	3.110	.11 0 ^b	Accepted
37.	Bharat Forge Ltd	TE	.44 2 ^a	.196	207	1.925	.486	.70 4 ^b	Accepted
38.	Cummins India Ltd	TE	.71 4 ^a	.510	.264	2.135	2.079	.20 5 ^b	Accepted
39.	Hero Honda Motors Ltd	TE	.94 0 ^a	.884	.827	1.526	15.30 4	.00 3 ^b	Rejecte d
40.	Mahindra and Mahindra Ltd	TE	.71 0 ^a	.504	.256	2.136	2.031	.21 1 ^b	Accepted
41.	Maruti Suzuki India Ltd	TE	.72 4 ^a	.524	.285	2.124	2.198	.18 9 ^b	Accepted
42.	Tata Motors Ltd	TE	.48 6 ^a	.236	146	2.189	.619	.62 8 ^b	Accepted

a. Dependent Variable: MVA; b. Predictors (Constant) GDP, WPI, Money Supply; Level of Sig. 5%

The Table 4 has presented the results of Multiple Regression analysis of influence of economic variables on value based measures of the select companies. Hindustan Unilever Ltd, ITC Ltd, Nestle India Ltd, Tata Tea Ltd, Cipla Ltd, Dr Reddy's laboratories Ltd, Sun Pharmaceuticals Ltd, Bharat Petroleum Corporation Ltd, Hero Honda Motors Ltd has strong

Webology (ISSN: 1735-188X) Volume 18, Number 2, 2021

positive correlation between the variables. Durbin Watson test shows the positive auto correlation between the variables of Asian Paints Ltd, Bharat Forge Ltd, Ambuja Cements Ltd, Coal India Ltd, Siemens Ltd and ITC Ltd. Out of 42 companies only 15 companies have Rejected the Null Hypothesis and 27 Companies have Accepted the Null Hypothesis.

SUGGESTIONS AND CONCLUSION

The sample companies which is having inconsistent growth of EVA, that companies must reduce the cost of capital, invest more capital in opportunities that will earn more than the related capital charge. And also the particular companies must increase profits without using additional capital through productivity improvement. Make capital from existing operations by increasing efficiency of capital by fast up the working capital and speed up the cycling time is also one of the ways to improve the Value creation. Adopting Value based measures into a company is very costly and time consuming process one. It needs continuous commitment of the board of directors and senior management to use these measures. It will also require some training and extensive communication effort directed to everyone in the company. Each one in the company must be educated on the basic theory underlying the notion of creating economic value. The entire business world seems to be moving towards greater clearness, supporting financial disclosure instrument and superior corporate supremacy. In such a fast changing business environment, the investor friendly financial performance measures may, possibly, compose this walkway full perfect new air. Shareholder value is based on the principle of the survival of the fittest. In India, business decisions are based on the commercial basis. So complete implementation is not possible, in an economy wherein business decisions are influenced by socio economic factors. Our economy is now moving towards hundred percent liberalisation and corporates are bound to take decisions purely on commercial to safe guard the interests of their shareholders. The concept of Shareholder value creation and EVA are well known concept to the Indian context. Applicability of the value based measure is very difficult. Hence the methodology adjustment required for accounting profit to NOPAT, Beta calculation and risk free rate of return. The value based measures made a good position for itself not only in the Western countries but also in the Indian context. However the recognition of this concept in India is gradually beginning and is expected that in future days, all the Indian companies will start relying upon this new measure of performance measurement.

BIBLIOGRAPHY

- Anand, Manoj, Garg, Ajay, and Arora, Asha (1999), "Economic Value Added: Business performance measure of shareholders' value", The Management Accountant, May 1999, pp.351-356.
- Anderson, W. Eugene, Fornell, Claes and Mazvanchery, K. Sand, "Customer Satisfaction and Shareholder Value" Journal of Marketing, Vol. 68, October 2004, pp. 172-185.

- Ashok kumar and Karambal, "Economic Value Added: A tool for measuring shareholder's value", Arth Anvesan, vol 3(1), January, 2008, pp. 15 20.
- ➤ Banerjee, Ashok and Jain (1999), "Economic Value Added and Shareholder Wealth: An Empirical Study of Relationship", Paradigm, Vol. 3, No. 1, January June, 1999, pp. 99-133.
- ➤ Dr. P.K. Chakraborty, Shareholdes Value creation s the pressing corporate agenda, The Chartered Accountant, May 2006, pp. 1648 -1650.
- Easton, P. Harris, T. and Ohlson, J. "EVA TM: Fact and Fantasy", Journal of Applied Corporate Finance, (1992) pp.6-19.
- ➤ Felthan G,Issac G.M, bagwe C and vaidhyanathan G(2004)," Does EVA beat reported earnings", Journal of Applied Corporate Finance, vol.3,pp.25-37.
- Mohanty B.K," Approach for shareholders' value creation", The Management Accountant, Vol.5, No.7, August 2008, pp. 53 65.
- ➤ Niranjan swain, Mishra, Jayashi, Vijayalakshmi, "shareholders value creation", The ICFA, Journal of Applied Finance, Vol.6, November 2002, pp.31-51.
- ➤ Viswanathan and Poornima, "Models for measuring and prediciting shareholder value study of third party software serivice providers", Sadhana, Vol.30, April/June, 2005, pp. 475-498.
- ➤ Weaver, Samul, "Measuring EVA: A survey of the practices of EVA proponents", Journal of Applied finance, Vol. 7, No 1, October 2001, pp. 180 189.
- ➤ Worthington AC and Tracey W," Australian Evidence Concerning the information content of EVA", Australian Journal of Management vol.29, No.2, 2004, pp.201-224.