

Name - Nidhish Samajpati

Roll No. - 63

Company - TATA Steel

Current ratio and Quick Ratio					
Year	Current liabilities	Current assets	Inventories	Current ratio	Quick ratio
2013	16488.65	11530.60	5,257.94	0.699305279	0.38042289
2014	18881.78	11564.60	6,007.81	0.612474035	0.29429375
2015	16623.79	11849.17	8,042.00	0.712783907	0.22901937
2016	21087.99	14421.49	7,083.81	0.683872194	0.34795540
2017	23056.33	20110.40	10,236.85	0.872229014	0.42823597
2018	25607.34	34643.91	11,023.41	1.352889835	0.92241130
2019	25593.65	17035.58	11,255.34	0.665617448	0.22584664
2020	30871.30	20009.19	10,716.66	0.648148604	0.30100870
2021	29313.32	23756.30	8,603.79	0.810426795	0.51691551
2022	53664.83	31289.57	19,942.94	0.583055420	0.21143512

ROE			
Year	Profit after tax	Shareholder's Equity	Return on Equity
2012	6,696.42	971.41	6.893505317
2013	5,062.97	971.41	5.211980523
2014	6,412.19	971.41	6.600910017
2015	6,439.12	971.41	6.628632606
2016	4,900.95	971.41	5.04519204
2017	3,444.55	971.41	3.545928084
2018	4,169.55	1,146.12	3.637969846
2019	10,533.19	1,146.12	9.190302935
2020	6,743.80	1,146.13	5.883974767
2021	13,606.62	1,198.78	11.35038956

ROCE				
Year	Earnings before interest and tax	Total Assets	Current Liabilities	Return on Capital Employed
2012	9,346.34	96,191.06	16,903.64	0.1178792298
2013	8,511.13	101,876.93	16,488.65	0.09967562293
2014	9,855.26	111,040.41	18,881.78	0.1069380046
2015	6,618.04	115,677.12	16,623.79	0.06681289766
2016	7,709.07	123,208.15	21,087.99	0.07549018725
2017	6,060.31	111,465.41	23,056.33	0.06854850203
2018	10,004.54	125,114.34	25,607.34	0.1005410675
2019	16,341.48	137,498.36	25,593.65	0.1460303145
2020	8,314.56	150,392.56	30,871.30	0.06956553169
2021	15,022.08	165,035.99	29,313.32	0.1106821727

Net Income Gearing			
Year	Interest	Earnings before interest and tax	Income Gearing
2012	1,925.42	9,346.34	0.2060079133
2013	1,876.77	8,511.13	0.2205077352
2014	1,820.58	9,855.26	0.1847318082
2015	1,975.95	6,618.04	0.2985702716
2016	1,460.27	7,709.07	0.1894223298
2017	2,688.55	6,060.31	0.4436324214
2018	2,810.62	10,004.54	0.2809344558
2019	2,823.58	16,341.48	0.1727860634
2020	3,031.01	8,314.56	0.3645424412
2021	3,393.84	15,022.08	0.2259234407

P/E ratio			
Year	Market per share	Earnings per share	P/E
2013	298.07	50.28	5.928202
2014	363.48	64.21	5.660800
2015	300.22	64.49	4.655298
2016	302.74	48.67	6.220258
2017	469.91	31.74	14.80497
2018	571.05	38.57	14.80554
2019	521.00	90.41	5.762636
2020	277.25	57.11	4.854666
2021	863.05	117.04	7.373974
2022	1317.10	270.33	4.872193

Dividend Yield			
Year	Dividend per share	Current market price	Dividend Yield
2013	8	298.07	0.0268393330
2014	10	363.48	0.0275118300
2015	8	300.22	0.0266471254
2016	8	302.74	0.0264253154
2017	10	469.91	0.0212806707
2018	10	571.05	0.0175116014
2019	13	521.00	0.0249520153
2020	10	277.25	0.0360685302
2021	25	863.05	0.0289670355
2022	51	1317.10	0.0387214334

Dividend Payout			
Year	Dividend per share	Earnings per share	Dividend Payout
2013	8	50.28	0.1591089897
2014	10	64.21	0.1557389815
2015	8	64.49	0.1240502403
2016	8	48.67	0.1643723033
2017	10	31.74	0.3150598614
2018	10	38.57	0.2592688618
2019	13	90.41	0.1437894038
2020	10	57.11	0.1751006829
2021	25	117.04	0.2136021873
2022	51	270.33	0.1886583065

Dupont's Analysis of ROE					
Year	Net Income	Revenue	Total Assets	Total Liabilities	ROE
2012	6,696.42	34819.89	96,191.06	41294.7	0.121982
2013	5,062.97	39101.47	101,876.93	44392.25	0.088075
2014	6,412.19	42498.67	111,040.41	47617.42	0.101101
2015	6,439.12	42367.78	115,677.12	46738.23	0.093403
2016	4,900.95	42101.04	123,208.15	50456.43	0.067365
2017	3,444.55	48407.48	111,465.41	59531.4	0.066325
2018	4,169.55	60380.48	125,114.34	61324.5	0.065363
2019	10,533.19	73015.79	137,498.36	64768.65	0.144826
2020	6,743.80	60840.09	150,392.56	73554.44	0.087766
2021	13,606.62	65506.89	165,035.99	73768.88	0.149085