

PROFITABILITY ANALYSIS OF DISTRICT CENTRAL CO-OPERATIVE BANKS IN HARYANA

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ABSTRACT

In the prevailing competitive environment, it is well recognized that the success of co-operative banks is highly dependent on the profitability. Basically, there are three main dimensions of profitability of co-operative banks viz. Return on Investment, Return on Net Worth and Return to Business (Reserve Bank of India Guidelines). Here, it may truly be said that optimum use of available funds leads to higher efficiency and profitability. District Central Co-operative Banks (DCCBs) are very common institutions among co-operative credit institutions in India. This paper is an attempt to analyze the profitability of District Central Co-operative Banks in Haryana. The study takes into consideration a period of thirteen years, ranging from 2001-02 to 2013-14. The study covers the 19 Central Cooperative Banks in Haryana. Hence, a matter of great concern for the banking industry to save against losses in the interest of building a robust economy, not only at the grass root level, but also all along each rung of the economic ladder at district, state and national levels in their turns.

KEYWORDS: profitability ,Investment, Business, Co-operative Banks

INTRODUCTION

Co-operative banks with a wide coverage have a unique position in the rural credit system. Rural credit cooperatives are the prime institutional agencies in the dispensation of credit for agriculture and rural development. The Indian Banking industry has been transformed since the implementation of the recommendations of the Narsimham Committee (1991). The major element of Banking Sector Reforms, popularly known as prudential norms was made applicable to commercial banks from 1992. The co-operative banking sector was excluded from the implementation of these reforms but in 1996-97 these norms were made applicable to co-operative banks also. The co-operative banking system, being an important player of the Indian credit system, has also witnessed a comprehensive change from regulated to the competitive and deregulated scenario. In the light of these changes, it is imperative to review the profitability analysis of Central Cooperative Banks.

Dimensions of Profitability

The dimensions of profitability are:

- Return on Investment
- Return on Net Worth
- Return on Business

Objective of the Study

This paper aims at analyzing the profitability of central co-operative banks in Haryana.

Data Collection

The researcher found the information from published annual reports of Haryana State Co-operative Bank, NAFSCOB (National Federation of State Co-operative Banks Limited) publications that are Basic Data on Performance of Central Cooperative Banks, RBI Bulletin and Report on Trend and progress of Banking in India (RBI), NABARD publications and various journals like Indian co-operative Review, NCDC (National Cooperative Development Corporation) Bulletin, Bank Quest, Management Accountant etc. And various other journals relating to banking area. Mean, Standard Deviation, Maximum, Minimum and Coefficient of Concentration applied to assessing profit performance. Main Quantitative Techniques Used in the Study. Various statistical tools will be applied to analyze the secondary data. Mean, Standard Deviation, Maximum, Minimum and Coefficient of Concentration applied to assessing profit performance. Regression analysis applied to study the effect of different variables on the profitability of the bank.

ANALYSIS AND DISCUSSIONS

Return on Investment

Return on Investment=Net Profits/ Total Investment x 100

Profits of Central Co-operative Banks in Haryana

Profit is an important variable for measuring operational performance. Profit shows the efficiency of a bank for utilizing its resources. Profit shows how much efficiently bank uses its resources.

Table 1: Profits of Central Co-Operative Banks In Haryana

Central Co-operative Bank	1 Ambala	2 Bhiwani	3 Faridabad	4 Fatehabad	5 Gurgaon	6 Hissar	7 Jhajjar	8 Jind	9 Kaithal	10 Karnal
2001-02	174	27	173	280	83	105	288	88	71	441
2002-03	315	35	68	104	63	-173	410	-169	55	171
2003-04	350	259	143	217	102	361	441	92	262	488
2004-05	350	337	329	134	107	86	410	79	6	745
2005-06	200	1071	1136	115	305	-229	245	-197	32	34
2006-07	-344	-160	133	115	-257	-745	104	-853	32	208
2007-08	-821	17	41	115	146	-724	106	-110	140	32
2008-09	954	43	140	64	358	-910	110	708	43	106
2009-10	954	43	140	64	358	-910	110	708	43	106
2010-11	119	687	27	6	29	-2344	22	-530	10	62
2011-12	127	2	406	-961	17	-2315	22	-458	4	62
2012-13	33	16	6830	-975	20	-2792	38	18	22	225

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

Table 2: Profits of Central Co-operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Central Co-operative Bank	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	312	145	75	300	100	301	10	61	234
2002-03	271	166	75	294	125	310	251	67	157
2003-04	449	311	159	470	150	597	431	178	336
2004-05	244	331	48	518	150	467	262	213	158
2005-06	123	133	48	373	187	206	54	18	70
2006-07	14	133	48	116	187	54	13	-40	-109
2007-08	-614	133	-15	70	187	74	-218	82	212
2008-09	1	133	15	81	7	78	-218	171	114
2009-10	1	34	15	81	7	78	-218	171	114
2010-11	-392	15	63	113	3	54	-617	19	-869
2011-12	21	15	41	269	3	61	-328	19	-673
2012-13	32	-537	41	323	7	103	-78	19	-417

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

Table 1 shows the status of DCCBs profits over a period of time. It shows that on an average Panipat DCCB was having the maximum amount of profit i.e. R's. 256.46 lacs, followed by Karnal DCCB with Rs.230.23 lacs. Fatehabad, Hissar, Jind, Sirsa and Yamuna Nagar are found to be in loss. The variation in these amounts shows that the higher the value of profit, the higher the deviation and vice-versa. The performance of these banks has obviously been very shocking on this parameter of profit/loss, while in terms of their mean only five DCCBs namely, Fatehabad, Hissar, Jind, Sirsa and Yamuna Nagar showed negative growth in profits. Hence, a matter of great concern for the banking industry to safe against such losses in the interest of building a robust economy, not only at the grass root level, but also all along each rung of the economic ladder at district, state and national levels in their turns.

Table 3: Investments of Central Co-Operative Banks in Haryana

	1	2	3	4	5	6	7	8	9	10
Central Co-operative Bank	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
2001-02	3485	6018	3138	1280	4245	4881	2070	1919	1723	2725
2002-03	3562	5295	3268	1453	4053	5334	2366	2136	1924	3080
2003-04	3671	7886	3883	1696	4721	5926	2856	2500	2255	3087
2004-05	4252	7389	3927	1767	6110	6033	3079	2691	2478	4001
2005-06	4839	6692	6351	1836	16690	6459	4429	2940	2808	4838
2006-07	4658	7249	8752	1919	23191	6175	5223	3506	2914	5623
2007-08	6203	8424	7357	2256	28320	7577	5963	3626	3643	6457
2008-09	7303	10624	8631	3155	29220	10955	9263	4131	4188	9082
2009-10	9956	16681	9572	3736	32189	10405	8833	4666	5100	9096
2010-11	9288	17946	10459	4254	50248	10545	10771	5465	5876	9997
2011-12	13372	20435	9690	4928	54741	13390	7872	5632	190879	10557
2012-13	11836	2142	10292	5353	61055	10696	9493	6143	6905	11571

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

Table 4: Investments of Central Co-Operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Central Co-operative Bank	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	2565	1527	1450	2031	2589	2629	1506	2691	3425
2002-03	2940	1677	1870	2406	2302	3349	1838	3028	2923
2003-04	3290	1909	1879	4681	2720	4303	2228	3228	3188
2004-05	3554	2014	1879	3022	2875	4183	2361	3357	3947
2005-06	3810	2127	2412	3478	3226	4403	2507	3718	4015
2006-07	3842	2450	3669	3855	4935	5969	2918	3894	4250
2007-08	3975	2522	3836	4418	5407	8911	2880	4652	4678
2008-09	4169	3109	3688	6298	7897	11482	3334	7239	6603
2009-10	5117	6633	4073	7197	6767	14794	3874	3241	6995
2010-11	7368	5989	5109	7022	6446	18243	4601	10585	7431
2011-12	8077	7827	5685	8571	9761	20134	5135	11170	9684
2012-13	8071	6729	5685	9071	10326	23768	5839	11170	7988

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

The objective of the present study is to assess the profitability of District Central Co-operative Banks in Haryana. Table 2 depicts the investments of District Central Co-operative Banks in Haryana during 2001-02 to 2012-13.

Table 5: Return on Investment of Central Co-Operative Banks in Haryana

	1	2	3	4	5	6	7	8	9	10
Year	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
2001-02	4.99	0.45	5.51	21.88	1.96	2.15	13.91	4.59	4.12	16.18
2002-03	8.84	0.66	2.08	7.16	1.55	-3.24	17.33	-7.91	2.86	5.55
2003-04	9.53	3.28	3.68	12.79	2.16	6.09	15.44	3.68	11.62	15.81
2004-05	8.23	4.56	8.38	7.58	1.75	1.43	13.32	2.94	0.24	18.62
2005-06	4.13	16.00	17.89	6.26	1.83	-3.55	5.53	-6.70	1.14	0.70
2006-07	-7.39	-2.21	1.52	5.99	-1.11	-12.06	1.99	-24.33	1.10	3.70
2007-08	-13.24	0.20	0.56	5.10	0.52	-9.56	1.78	-3.03	3.84	0.50
2008-09	13.06	0.40	1.62	2.03	1.23	-8.31	1.19	17.14	1.03	1.17
2009-10	9.58	0.26	1.46	1.71	1.11	-8.75	1.25	15.17	0.84	1.17
2010-11	1.28	3.83	0.26	0.14	0.06	-22.23	0.20	-9.70	0.17	0.62
2011-12	0.95	0.01	4.19	-19.50	0.03	-17.29	0.28	-8.13	0.00	0.59
2012-13	0.28	0.75	66.36	-18.21	0.03	-26.10	0.40	0.29	0.32	1.94
Mean	3.36	2.35	9.46	2.74	0.93	-8.45	6.05	-1.33	2.27	5.55
Ranking	7	10	1	9	15	18	3	19	11	4

Source: Calculated from foregoing table

Table 6: Return on Investment of Central Co-Operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Year	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	12.16	9.50	5.17	14.77	3.86	11.45	0.66	2.27	6.83
2002-03	9.22	9.90	4.01	12.22	5.43	9.26	13.66	2.21	5.37
2003-04	13.65	16.29	8.46	10.04	5.51	13.87	19.34	5.51	10.54
2004-05	6.87	16.43	2.55	17.14	5.22	11.16	11.10	6.34	4.00
2005-06	3.23	6.25	1.99	10.72	5.80	4.68	2.15	0.48	1.74
2006-07	0.36	5.43	1.31	3.01	3.79	0.90	0.45	-1.03	-2.56
2007-08	-15.45	5.27	-0.39	1.58	3.46	0.83	-7.57	1.76	4.53
2008-09	0.02	4.28	0.41	1.29	0.09	0.68	-6.54	2.36	1.73
2009-10	0.02	0.51	0.37	1.13	0.10	0.53	-5.63	5.28	1.63
2010-11	-5.32	0.25	1.23	1.61	0.05	0.30	-13.41	0.18	-11.69
2011-12	0.26	0.19	0.72	3.14	0.03	0.30	-6.39	0.17	-6.95
2012-13	0.40	-7.98	0.72	3.56	0.07	0.43	-1.34	0.17	-5.22
Mean	2.12	5.53	2.21	6.68	2.78	4.53	0.54	2.14	0.83
Ranking	14	5	12	2	8	6	17	13	16

Source: Calculated from foregoing table

The objective of the present study is to assess the profitability of District Central Co-operative Banks in Haryana.

The first dimension of profitability is Return on Investment. Table 3 depicts the Return on Investment of District Central Co-operative Banks in Haryana during 2001-02 to 2012-13. It can be observed for analysis of Return on Investment that Faridabad Central Co-operative Bank listed the highest rank (Mean=9.46) followed by Panipat Central Co-operative Bank (Mean=6.68). On the other hand, Jind Central Co-operative Bank listed the lowest rank (Mean= -1.33) followed by Gurgaon Central Co-operative Bank (Mean=-8.45).

Return on Net Worth

Return on Net Worth= Net Profits/ Owned FundsX100

Table 7: Owned Funds of Central Co-Operative Banks in Haryana

Central Co-operative Bank	1	2	3	4	5	6	7	8	9	10
	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
2001-02	1444	1211	1502	1068	1891	2103	957	1240	1628	2184
2002-03	1720	1974	1618	1327	2957	2292	1008	2342	1745	3355
2003-04	2152	2106	2683	1854	2934	2985	1482	1591	2223	3643
2004-05	2152	1728	2986	2095	3817	4047	1008	1637	2275	4149
2005-06	2834	2233	3443	2254	4550	5281	2352	2150	2574	4549
2006-07	3114	2347	3053	2254	4212	5728	2623	2556	2574	5498
2007-08	3289	2907	3371	2254	4385	5560	2686	2402	3052	5586
2008-09	3304	3125	3509	2945	4896	6958	2982	2136	3120	5173
2009-10	3110	3546	4011	2706	4975	8225	2982	2786	3200	5173
2010-11	3110	3661	5470	2995	5044	9103	4217	2922	3211	6030
2011-12	3061	3311	6022	3520	5176	10410	4217	3193	3490	6030
2012-13	3757	3957	6534	4103	5275	12271	4800	4528	3752	7116

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

Table 8: Owned Funds of Central Co-Operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Year	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	1225	1321	560	1161	904	1048	1354	1490	1250
2002-03	1724	1371	1001	2095	1477	1118	2083	1605	1291
2003-04	1676	1684	1026	2610	1463	1511	1561	2233	1856
2004-05	2294	1707	1236	3014	1947	1516	3033	2730	2184
2005-06	2453	2072	1236	3641	2308	1581	2492	2838	2365
2006-07	2931	2072	1141	3920	2308	3003	2863	2838	2659
2007-08	2983	7072	1742	4761	2308	3051	3276	2894	2879
2008-09	3109	2072	1836	5040	2513	3189	3276	3119	3313
2009-10	3109	2543	2071	5517	2733	3216	2916	3268	3738
2010-11	3839	2529	2146	5809	1992	3431	2920	3298	4448
2011-12	3979	2896	2224	6337	2028	3689	2550	3298	4769
2012-13	3561	2805	2224	6659	3157	3820	3196	3298	6432

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

The objective of the present study is to assess the profitability of District Central Co-operative Banks in Haryana. Table 4 depicts the owned funds of District Central Co-operative Banks in Haryana during 2001-02 to 2012-13.

Table 9: Return on Net Worth of Central Co-operative Banks in Haryana

	1	2	3	4	5	6	7	8	9	10
Year	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
2001-02	12.05	2.23	11.52	26.22	4.39	4.99	30.09	7.10	4.36	20.19
2002-03	18.31	1.77	4.20	7.84	2.13	-7.55	40.67	-7.22	3.15	5.10
2003-04	16.26	12.30	5.33	11.70	3.48	12.09	29.76	5.78	11.79	13.40
2004-05	16.26	19.50	11.02	6.40	2.80	2.13	40.67	4.83	0.26	17.96
2005-06	7.06	47.96	32.99	5.10	6.70	-4.34	10.42	-9.16	1.24	0.75
2006-07	-11.05	-6.82	4.36	5.10	-6.10	-13.01	3.96	-33.37	1.24	3.78
2007-08	-24.96	0.58	1.22	5.10	3.33	-13.02	3.95	-4.58	4.59	0.57
2008-09	28.87	1.38	3.99	2.17	7.31	-13.08	3.69	33.15	1.38	2.05
2009-10	30.68	1.21	3.49	2.37	7.20	-11.06	3.69	25.41	1.34	2.05
2010-11	3.83	18.77	0.49	0.20	0.57	-25.75	0.52	-18.14	0.31	1.03
2011-12	4.15	0.06	6.74	-27.30	0.33	-22.24	0.52	-14.34	0.11	1.03
2012-13	0.88	0.40	104.53	-23.76	0.38	-22.75	0.79	0.40	0.59	3.16
Mean	8.53	8.28	15.82	1.76	2.71	-9.47	14.06	-0.85	2.53	5.92
Ranking	5	6	1	16	12	17	2	18	13	7

Source: Calculated from foregoing table

Table 10: Return on net worth of Central Co-operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Year	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	25.47	10.98	5.17	25.84	11.06	28.72	0.74	4.09	18.72
2002-03	15.72	12.11	4.01	14.03	8.46	27.73	12.05	4.17	12.16
2003-04	26.79	18.47	8.46	18.01	10.25	39.51	27.61	7.97	18.10
2004-05	10.64	19.39	2.55	17.19	7.70	30.80	8.64	7.80	7.23
2005-06	5.01	6.42	1.99	10.24	8.10	13.03	2.17	0.63	2.96
2006-07	0.48	6.42	1.31	2.96	8.10	1.80	0.45	-1.41	-4.10
2007-08	-20.58	1.88	-0.39	1.47	8.10	2.43	-6.65	2.83	7.36
2008-09	0.03	6.42	0.41	1.61	0.28	2.45	-6.65	5.48	3.44
2009-10	0.03	1.34	0.37	1.47	0.26	2.43	-7.48	5.23	3.05
2010-11	-10.21	0.59	1.23	1.95	0.15	1.57	-21.13	0.58	-19.54
2011-12	0.53	0.52	0.72	4.24	0.15	1.65	-12.86	0.58	-14.11
2012-13	0.90	-19.14	0.72	4.85	0.22	2.70	-2.44	0.58	-6.48
Mean	4.57	5.45	2.21	8.65	5.24	12.90	-0.46	3.21	2.40
Ranking	10	8	15	4	9	3	19	11	14

Source: Calculated from foregoing table

The objective of the present study is to assess the profitability of District Central Co-operative Banks in Haryana. The second dimension of profitability is Return on Net Worth. Table 5 depicts the Return on Net worth of District Central Co-operative Banks in Haryana during 2001-02 to 2012-13. It can be observed for analysis of Return on Net Worth that Faridabad Central Co-operative Bank listed the highest rank (Mean=15.82) followed by Jhajjar Central Co-operative Bank (Mean=14.06). On the other hand, Sirsa Central Co-operative Bank listed the lowest rank (Mean=-0.46) followed by Jind Central Co-operative Bank (Mean=-0.85).

Return on Business

Return on Business= Net Profits/ Business

Volume of business (Deposits +Credit (loans outstanding) of Central Co-operative Banks in Haryana

Volume of Business means the sum of deposits and loans outstanding. It is a parameter which shows the quantum of business done by the bank.

Table 11: Volume of Business (Deposit + Credit (Loan Outstanding) of Central Co-operative Banks in Haryana

Central Co-operative Bank	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
	1	2	3	4	5	6	7	8	9	10
2001-02	22582	39661	29460	20784	32629	41673	18884	23824	25031	35948
2002-03	26407	44884	33686	23766	34119	50154	21617	27026	28651	39297
2003-04	29411	50499	38583	24137	39644	51771	23728	31240	31363	41434
2004-05	29411	52235	39362	26206	48760	55996	21617	32624	31635	47809
2005-06	35781	59913	46657	29585	64318	62896	32866	34861	35318	51448
2006-07	39448	64279	51736	29585	65320	67622	41380	39943	35318	54999
2007-08	43803	73143	51508	29585	72854	78022	45127	42312	45649	65544
2008-09	44355	80088	53621	40473	71847	84838	53200	43027	46350	66341
2009-10	47604	86771	59946	38239	80094	91362	54984	46329	49523	66850
2010-11	47604	90554	66956	44817	102238	94095	61920	52830	55817	87999
2011-12	58129	96408	69739	48631	110715	101524	64787	58340	65234	98498
2012-13	69253	105826	76845	53523	123886	105023	72775	67103	70394	111283

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

Table 12: Volume of Business (Deposit + Credit (Loan Outstanding) of Central Co-operative Banks in Haryana

Central Co-operative Bank	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
	11	12	13	14	15	16	17	18	19
2001-02	27108	16826	12723	22715	16602	25564	20768	29863	24914
2002-03	31127	18568	12722	27060	20036	29291	24176	34890	28174
2003-04	34559	20616	16845	29414	22163	35054	25762	40354	30018
2004-05	34398	20735	16961	34696	22165	31212	28842	39315	32302
2005-06	36153	21472	16961	36396	26938	30374	33028	40568	37095
2006-07	38103	21472	30632	41280	26938	33945	34806	44420	36740
2007-08	46134	21472	24512	43458	26938	44981	38107	49368	40469
2008-09	43133	21472	24126	45677	17584	42924	38107	50586	43799
2009-10	43074	30547	25893	51874	42692	45905	41881	51955	48154
2010-11	59471	31052	31597	57107	42934	60140	46399	52176	53433
2011-12	65507	34680	31855	64331	40003	101496	53127	64711	56597
2012-13	68435	38229	33465	69150	56371	77450	59413	71118	71409

Source: Basic Data for Performance of District Central Co-operative Banks, Published by NAFSCOB, Mumbai, 2001-02 to 2012-13

The data related to the volume of business of all the Central Co-operative Banks in Haryana is presented in Table 6. It can be observed that the amount of volume of business of all the Central Co-operative Banks in Haryana has moved from Rs. 487559 Lac in 2001-02 to Rs. 1482815 Lac in 2013-14. In 2013-14 Gurgaon Central Co-operative Bank contributed maximum to the volume of business Rs.127353 Lac (8.59% of total volume of business). On the other hand, the contribution of Panchkula Central Co-operative Bank of total volume of business is minimum Rs.36047 Lac (2.43%). During the period of study, the average amount of volume of business by Central Co-operative Banks was the highest since Hissar Central Co-operative Bank (Rs 76759 lacs) followed by Gurgaon Central Co-operative Bank (Rs 74906 Lac) and the average was lowest since Panchkula Central Co-operative Bank (Rs 24180 Lac) followed by Mahendragarh Central Co-operative Bank (Rs 26063 Lac).

The objective of the present study is to assess the profitability of District Central Co-operative Banks in Haryana. The third dimension of profitability is Return to Business. Table 7 depicts the Return to Business of District Central Co-operative Banks in Haryana during 2001-02 to 2012-13. It can be observed for analysis of Return on Business that Faridabad Central Co-operative Bank listed the highest rank (Mean=1.23) followed by Jhajjar Central Co-operative Bank (Mean=0.74). On the other hand, Jind Central Co-operative Bank listed the lowest rank (Mean=-0.11) followed by Hissar Central Co-operative Bank (Mean=-0.93).

Table 13: Return to Business of Central Co-operative Banks in Haryana

	1	2	3	4	5	6	7	8	9	10
Year	Ambala	Bhiwani	Faridabad	Fatehabad	Gurgaon	Hissar	Jhajjar	Jind	Kaithal	Karnal
2001-02	0.77	0.07	0.59	1.35	0.25	0.25	1.53	0.37	0.28	1.23
2002-03	1.19	0.08	0.20	0.44	0.18	-0.34	1.90	-0.63	0.19	0.44
2003-04	1.19	0.51	0.37	0.90	0.26	0.70	1.86	0.29	0.84	1.18
2004-05	1.19	0.65	0.84	0.51	0.22	0.15	1.90	0.24	0.02	1.56
2005-06	0.56	1.79	2.43	0.39	0.47	-0.36	0.75	-0.57	0.09	0.07
2006-07	-0.87	-0.25	0.26	0.39	-0.39	-1.10	0.25	-2.14	0.09	0.38
2007-08	-1.87	0.02	0.08	0.39	0.20	-0.93	0.23	-0.26	0.31	0.05
2008-09	2.15	0.05	0.26	0.16	0.50	-1.07	0.21	1.65	0.09	0.16
2009-10	2.00	0.05	0.23	0.17	0.45	-1.00	0.20	1.53	0.09	0.16
2010-11	0.25	0.76	0.04	0.01	0.03	-2.49	0.04	-1.00	0.02	0.07
2011-12	0.22	0.00	0.58	-1.98	0.02	-2.28	0.03	-0.79	0.01	0.06
2012-13	0.05	0.02	8.89	-1.82	0.02	-2.66	0.05	0.03	0.03	0.20
Mean	0.57	0.31	1.23	0.08	0.18	-0.93	0.74	-0.11	0.17	0.46
Ranking	5	9	1	15	13	18	2	19	14	7

Source: Calculated from foregoing table

Table 14: Return to Business of Central Co-operative Banks in Haryana

	11	12	13	14	15	16	17	18	19
Year	Kurukshetra	Mahendragarh	Panchkula	Panipat	Rewari	Rohtak	Sirsa	Sonepat	Yamuna Nagar
2001-02	1.15	0.86	0.59	1.32	0.60	1.18	0.05	0.20	0.94
2002-03	0.87	0.89	0.59	1.09	0.62	1.06	1.04	0.19	0.56
2003-04	1.30	1.51	0.94	1.60	0.68	1.70	1.67	0.44	1.12
2004-05	0.71	1.60	0.28	1.49	0.68	1.50	0.91	0.54	0.49
2005-06	0.34	0.62	0.28	1.02	0.69	0.68	0.16	0.04	0.19
2006-07	0.04	0.62	0.16	0.28	0.69	0.16	0.04	-0.09	-0.30
2007-08	-1.33	0.62	-0.06	0.16	0.69	0.16	-0.57	0.17	0.52
2008-09	0.00	0.62	0.06	0.18	0.04	0.18	-0.57	0.34	0.26
2009-10	0.00	0.11	0.06	0.16	0.02	0.17	-0.52	0.33	0.24
2010-11	-0.66	0.05	0.20	0.20	0.01	0.09	-1.33	0.04	-1.63
2011-12	0.03	0.04	0.13	0.42	0.01	0.06	-0.62	0.03	-1.19
2012-13	0.05	-1.40	0.12	0.47	0.01	0.13	-0.13	0.03	-0.58
Mean	0.21	0.51	0.28	0.70	0.40	0.59	0.01	0.19	0.05
Ranking	11	6	10	3	8	4	17	12	16

Source: Calculated from foregoing table

CONCLUSIONS

This study proposes to examine the profitability of District Central Co-operative Banks operating in Haryana. This study is intended to observe and describe the dimensions, explaining the profitability of DCCBs in Haryana. In this paper, an attempt has been made to analyze the profitability of District Central Co-operative Banks in Haryana. It can be observed for analysis of Return on Investment that Faridabad Central Co-operative Bank listed the highest rank (Mean=9.46) followed by Panipat Central Co-operative Bank (Mean=6.68). On the other hand, Jind Central Co-operative Bank listed the lowest rank (Mean= -1.33) followed by Gurgaon Central Co-operative Bank (Mean=-8.45).

It can be observed for analysis of Return on Net Worth that Faridabad Central Co-operative Bank listed the highest rank (Mean=15.82) followed by Jhajjar Central Co-operative Bank (Mean=14.06). On the other hand, Sirsa Central Co-operative Bank listed the lowest rank (Mean=-0.46) followed by Jind Central Co-operative Bank (Mean=-0.85).

It can be observed for analysis of Return on Business that Faridabad Central Co-operative Bank listed the highest rank (Mean=1.23) followed by Jhajjar Central Co-operative Bank (Mean=0.74). On the other hand, Jind Central Co-operative Bank listed the lowest rank (Mean=-0.11) followed by Hissar Central Co-operative Bank (Mean=-0.93).

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