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INTRODUCTION

REVIEW OF LITERATURE

NEED/IMPORTANCE OF THE STUDY

STATEMENT OF THE PROBLEM

OBJECTIVES

HYPOTHESIS (ES)

RESEARCH METHODOLOGY

RESULTS & DISCUSSION

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RECOMMENDATIONS/SUGGESTIONS

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- Hunker, H.L. and A.J. Wright (1963), "Factors of Industrial Location in Ohio" Ohio State University, Nigeria.

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- Kumar S. (2011): "Customer Value: A Comparative Study of Rural and Urban Customers," Thesis, Kurukshetra University, Kurukshetra.

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- Garg, Bhavet (2011): Towards a New Gas Policy, Political Weekly, Viewed on January 01, 2012 http://epw.in/user/viewabstract.jsp

PERFORMANCE OF MGNREGA SCHEME IN PURULIA AND BIRBHUM DISTRICTS: AN EMPIRICAL ANALYSIS

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ABSTRACT

Mahatma Gandhi National Rural Employment Guarantee Scheme is a nation-wide wage employment guarantee scheme of the Central Government for ensuring for 100 days manual work in a financial year to the needy poor people particularly in the rural areas at a minimum wage rate. This wage employment scheme was started in West Bengal from February 2006. With a curiosity to know the effectiveness of this Employment Scheme, the present researcher has taken an initiative to make an empirical study on the performance of this scheme in two select backward districts (i.e. Birbhum and Purulia) of West Bengal by taking a study period of 8 years covering the financial years 2006-07 to 2013-14 with the help of secondary data. The collected data under different heads of performance indicators have been analyzed statistically with the computed vales of Mean, Standard Deviation and Co-efficient of Variation. Analyses have also been made by comparing the percentage values of different performance indicators of the scheme. It is seen that on the whole, performance of Birbhum District in respect of implementation of MGNREGA works appears to be better than Purulia District. The researcher is of the opinion that for achieving success in MGNREGA Scheme, measures should be taken to generate higher number of person-days. Investigations are needed whether the persons willing to serve under MGNREGA Scheme are not getting jobs or whether they are not willing to work under MGNREGA Scheme because of having some grievances like lower wage rate, non-payment of wages on regular or timely basis or due to some other specific reasons. After finding out the reasons, proper measures are to be taken by the government to make the MGNREGA Scheme successful by achieving its desired objectives.

KEYWORDS

Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), Purulia, Birbhum.

INTRODUCTION

Mahatma Gandhi National Rural Employment Guarantee Scheme, a wage employment guarantee scheme initiated by the Central Government in our country as per Mahatma Gandhi National Rural Employment Guarantee Act (NREGA), 2005 aims at enhancing the livelihood security of people in rural areas by providing hundred days work of wage employment on assured basis in a financial year to a rural household whose adult members volunteer to do unskilled manual work at minimum wage rate.

The Scheme's **first objective is to** ensure the legal right to work for 100 days to poor people whoever willing to work at a minimum wage rate, particularly in the rural areas and it's **second objective** is to strengthen the Panchayati Raj Institutions (PRIs) and to eradicate rural poverty. The MGNREGA was passed in 2005 and it became operational in West Bengal from February 2006.

In this paper, attempts have been made to compare the implementation status of 100 days works under MGNREGA Scheme in two select Districts of West Bengal i.e. Birbhum and Purulia. In these two backward districts of South Bengal a large number of poor people have no fixed source of income for their livelihood and a large section of them, finding no other alternatives, are willing to work manually as daily wage-earners. The present researcher has chosen these two backward districts for making an empirical study to analyse the performance of this job guarantee scheme in these two districts.

OBJECTIVES OF THE STUDY

The particular objectives of the study are as follows:

1. To Compare the performance of works under MGNREGA Scheme in Purulia and Birbhum Districts;
2. To make a comparative analysis to what extent the different communities of the society have been benefitted in these selected districts under MGNREGA Scheme;
3. To make an analysis on total number of families getting works for 100 days in a year under this scheme;
4. To make an analysis on Person Days Generated by Woman workers;
5. To make an analysis on Persons Days Generated by Schedule Cast workers;
6. To make an analysis on Person Days Generated by Schedule Tribe workers;
7. To make an analysis on Person Days Generated by Other Community workers;
8. To make an analysis on total labour expenditure disbursed for MGNREGA works; and
9. To make some concluding remarks on the basis of observations of the study.

STUDY PERIOD AND SOURCES OF DATA

The study period of the present study is a period of 8 years covering the financial years 2006-07 to 2013-14 and all the data used here are secondary data collected from the website i.e. www.nrega.nic.in.

METHODOLOGY OF THE STUDY

In the present study statistical and arithmetical tools like standard Deviation, Mean, Co-efficient of Variation. Percentage etc. have been used. All the computations have been made with the help of SPSS software. The collected data under different heads of performance indicators have been analyzed statistically with the computed vales of Mean, Standard Deviation and Co-efficient of Variation. Analyses have also been made by comparing the percentage values of different performance indicators of the scheme. At the end of the study concluding remarks have been made on the basis of observations of the study on the performance of the scheme under different parameters in the select districts of West Bengal.

ANALYSIS

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL HOUSEHOLDS WHO APPLIED FOR JOB CARDS

The following table depicts the data in represent of Total Households Applied for Job Cards in the Districts of Birbhum and Purulia separately and in West Bengal as a whole during the period 2011-2012 to 2013-2014 along with computed value of Mean, Maximum Value, Minimum Value, Standard Deviation (S.D.) and Co-efficient of Variation (C.V.). Then necessary Comments have been made.

TABLE 1: TOTAL HOUSEHOLDS APPLIED FOR JOB CARDS			
Year	Birbhum District	Purulia District	All West Bengal
2011-2012	6,58,277 (5.86%)	4,46,947 (3.98%)	1,12,26,851
2012-2013	6,63,344 (5.77%)	4,56,816 (3.97%)	1,14,95,899
2013-2014	6,69,337 (5.60%)	4,69,011 (3.95%)	1,18,49,643
Mean	**5.74 %**	**3.97 %**	**1,15,24,131**
Maximum Value	**5.86 %**	**3.98 %**	**1,18,49,643**
Minimum Value	**5.60 %**	**3.95 %**	**1,12,26,851**
Standard Deviation.(S.D)	**0.1078 %**	**0.0124 %**	**2,55,036**
Co-efficient of Variation (C.V)	**1.97 %**	**0.30 %**	**2.21 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF PURULIA DISTRICT

It is seen that, in the year 2011-2012, whereas in West Bengal total number of households applying for Job Cards was 1,12,26,851, such number of households in Purulia District was 4,46,947 representing 3.98% of total. From the figures available for the years 2011-12 to 2013-14, it is seen that in the year 2011-12, maximum percentage of households applied for job cards in this District. And lowest percentage of households applied for job cards is seen in the year 2013-14, when only 3.95% of total household applicants all over West Bengal applied for job cards under MGNREGA scheme in this District. It is observed that there exists a little variation in respect of number of applicants (in terms of percentage of all over West Bengal Position) during 2011-12 to 2013-14.

From the mean value, it can be commented that on an average 3.97% of total household applicants all over West Bengal applied for job cards in Purulia District. Standard Deviation (S.D.) value is 0.0124% and co-efficient of variation (C.V.) value is 0.30 % i.e., the S.D value is 0.30 % of Mean value. It is observed that during the same period, the Standard Deviation (S.D.) of the households applying for job cards all over West Bengal is 2,55,036 and Co-efficient of Variation (C.V.) is 2.21%.

IN RESPECT OF BIRBHUM DISTRICT

During the period 2011-12 to 2013-14, highest percentage of households applying for job cards was registered at 5.86 % in the year 2011-12 and it came down to its lowest value at 5.6 % in the year 2013-14.

It is interestingly observed that in each of the three years, the number of applicants for job cards was higher in Birbhum District in comparison to the figures for the Purulia District. It is observed that the S.D. value was 0.1078% and Co-efficient of Variation (C.V.) was 1.97% i.e., the S.D. value was1.97% of the Mean value

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

By comparing the mean values, it can be said that Birbhum District's position was better than the position of Purulia District in respect of number of households applied for Job Cards. While comparing the S.D. value and C.V. Value in respect of Households applied for Job Cards, it can be said that Purulia District's S.D. value was comparatively less than the S.D. value of Birbhum District, and C.V. value in the case of Birbhum District was higher than the C.V. value of Purulia District. It is noted that S.D & C.V. value in respect of Total Households Applied for Job Cards allover West Bengal was 2,55,036 and 2.21% respectively.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL JOB CARDS ISSUED

The following table shows the data in respect of total job cards issued in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2011-2012 to 2013-2014 along with computed values of mean, maximum value, minimum value, Standard Deviation (S.D.) and Co-efficient of Variation (C.V.). And then necessary comments have been made.

TABLE 2: TOTAL JOB CARD ISSUED			
Year	Birbhum District	Purulia District	All West Bengal
2011-2012	6,58,163 (5.86%)	4,46,937 (3.98%)	1,12,23,660
2012-2013	6,62,830 (5.78%)	4,55,667 (3.97%)	1,14,62,073
2013-2014	6,67,372 (5.67%)	4,64,514 (3.96%)	1,17,35,501
Mean	**5.77 %**	**3.97 %**	**1,14,73,745**
Maximum Value	**5.86 %**	**3.98 %**	**1,17,35,501**
Minimum	**5.67 %**	**3.96 %**	**1,12,23,660**
S.D.	**0.0778 %**	**0.0081 %**	**2,09,121**
C.V.	**1.21 %**	**0.20 %**	**1.82 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is found that during the period 2011-2012 to 2013-2014, in the District of Birbhum, the number of total job cards issued was maximum at 5.86% in the year 2011-2012 and it was minimum at 5.67% in the year 2013-2014. The Mean value in respect of Total Job Cards Issued in Birbhum District was 5.77% and S.D. Value was 0.0778 %, and C.V. value was 1.21%. It is observed that the S.D. value was 1.21% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District, maximum Job Cards were issued in the year 2011-2012 when 3.98% of Total Job Cards Issued in West Bengal was issued in Purulia District. And lowest percentage of Job Cards Issued was seen in the year 2013-2014 when only 3.96% of Total Job Cards Issued in West Bengal was from Purulia District.

From the Mean value, it can be commented that on an average 3.97% of Total Job Cards Issued all over West Bengal under MGNREGA Scheme belonged to this District. The S.D. value was 0.0081% and C.V. value was 0.20% which means that the S.D. value was 0.20% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. value and C.V. value in respect of Job Cards Issued in the two Districts, it can be said that the S.D. value in Purulia District was comparatively less than the S.D. value in Birbhum District, but C.V. value in the case of Purulia District was found to be slightly higher than the C.V. value in Birbhum District. It is noted that S.D. & C.V. value in respect of total job cards issued allover West Bengal was 2,09,121 (in absolute value) and 1.82% respectively. It is seen

that the C.V. value for West Bengal (i.e. 1.82 percent) was higher than the C.V. value in Birbhum District (i.e. 1.21%) as well as in respect of Purulia District (i.e. 0.20%).

ANALYSIS ON PERFORMANCE IN RESPECT OF JOB CARDS ISSUED TO SC COMMUNITY

Total Job Cards issued to Scheduled Cast community is an important socio-economic indicator for measurement of success of wage employment under MGNREGA Scheme in a District. The following table gives the data in respect of Total Number of Schedule Cast (S.C.) Job Card Holders in the Districts of Birbhum, Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014. The figures in the bracket indicate the data in percentage value of the total. At the bottom of the table, the computed values of Mean, Maximum value, Minimum value, S.D. and C.V. have been shown and then necessary comments have been made.

TABLE 3: TOTAL JOB CARDS ISSUED TO SCHEDULED CAST COMMUNITY

Year	Birbhum District	Purulia District	All West Bengal
2006-2007	2,14,614 (13.09%)	1,00,034 (6.10%)	16,39,097
2007-2008	2,21,062 (7.29%)	1,02,023 (3.36%)	30,32,322
2008-2009	2,44,091 (7.22%)	1,02,446 (3%)	33,77,386
2009-2010	2,44,091 (6.77%)	1,05,458 (2.92%)	36,05,922
2010-2011	2,47,437 (6.88%)	1,03,576 (2.88%)	35,97,802
2011-2012	2,21,090 (6.97%)	80,928 (2.55%)	31,72,556
2012-2013	2,25,954 (6.96%)	83,091 (2.56%)	32,44,045
2013-2014	2,26,605 (7.01%)	83,839 (2.59%)	32,32,543
Mean	**7.77 %**	**3.24 %**	**31,12,709**
Maximum Value	**13.09 %**	**6.10 %**	**36,05,922**
Minimum Value	**6.78 %**	**2.55 %**	**16,39,097**
S.D.	**2.01 %**	**1.1093 %**	**5,87,560**
C.V.	**25.87 %**	**33.95 %**	**18.87 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is found that, during the period 2006-2007 to 2013-2014, in the District of Birbhum, the number of total job cards issued to S.C. persons was maximum at 13.09% in the year 2006-2007 and it was minimum at 6.78% in the year 2009-2010. The mean value of total job cards issued to S.C. persons in Birbhum District was 7.77%, S.D. value was 2.01% and C.V. value was 25.87%. It is seen that the S.D. value is 25.87% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District, maximum job card holders among the S.C. people was seen in the year 2006-2007 when 6.10% of Total Job Cards issued in West Bengal was issued to the S.C. people in this District. And lowest percentage of job card holders among the S.C. people was seen in the year 2011-2012 when only 2.55% of Total Job Cards issued in West Bengal was issued to this community under MGNREGA Scheme in this district. From the Mean value, it can be commented that during the period of our study, on an average 3.24% of total job cards was issued to the S.C. people in West Bengal under MGNREGA Scheme in this District. The S.D. value was 1.1093 and the C.V. value was 33.95%, i.e., the S.D. value was 33.95% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and the C.V. value in respect of Job Card Holders belonging to the SC Community of the two districts, it can be said that the S.D. value (i.e. 1.1093%) in Purulia District was comparatively less than the S.D. value (i.e. 2.01% in Birbhum District, but C.V. value in the case of Purulia District (i.e. 33.95%) was slightly higher than the C.V. value (i.e. 25.87%) in Birbhum District.

It is noted that S.D. & C.V. value in respect of Total Job Cards issued to S.C. community in West Bengal was 5,87,560 and 18.87% respectively. It is seen that the C.V. value of all over West Bengal (18.87%) is lower than the C.V. value of Birbhum (25.87%) and Purulia (33.95%) District respectively.

ANALYSIS ON PERFORMANCE IN RESPECT OF JOB CARDS ISSUED TO ST COMMUNITY

Total Job Cards issued to Schedule Tribe (ST) is an important indicator for measuring performance of works under MGNREGA Scheme in a District. The following table gives the data in respect of total number of Job Cards issued to ST people in the Districts of Birbhum and Purulia and in the West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum Value, Minimum Value, S.D. and C.V. Value. And then necessary comments have been made.

TABLE 4: TOTAL JOB CARD ISSUED TO ST PEOPLE

Year	Birbhum District	Purulia District	All West Bengal
2006-07	50,837 (7.59%)	1,06,280 (15.86%)	6,70,142
2007-08	52,168 (5.40%)	1,08,625 (11.25%)	9,65,207
2008-09	54,519 (5.36%)	1,06,995 (10.52%)	10,16,700
2009-10	54,519 (5.07%)	1,09,726 (10.21%)	10,74,766
2010-11	55,975 (5.49%)	1,05,426 (10.34%)	10,19,155
2011-12	51,506 (5.89%)	81,527 (9.33%)	8,73,837
2012-13	51,753 (5.75%)	84,533 (9.39%)	8,99,538
2013-14	51,941 (5.72%)	85,567 (9.43%)	9,06,541
Mean	**5.53%**	**10.79 %**	**9,28,236**
Maximum Value	**7.59 %**	**15.86 %**	**10,74,766**
Minimum Value	**5.07 %**	**9.33 %**	**670142**
S.D.	**0.72 %**	**2.01 %**	**1,17,152**
C.V.	**6.07 %**	**18.63 %**	**12.62%**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is seen that during the period 2006-07 to 2013-14, in the District of Birbhum, the number of total job cards issued to ST community was maximum at 7.59% in 2006-07 and it was minimum at 5.07% in the year 2009-10. The Mean value of total job cards issued to ST people in Birbhum District was 5.53 % and the S.D. value of the same was 0.72% which is quite low. The C.V. value was 6.07% i.e., the S.D. value was 6.07% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District, the job Card holders belonging to the ST community was seen to be maximum in the year 2006-07 when 15.86% of Total Job Cards issued to ST people in West Bengal was issued to ST people in this District. And the job card holders belonging to the ST community was seen to be lowest in the year 2011-12 when only 9.33% of total Job Cards issued to ST people in West Bengal was issued to the ST people under MGNREGA Scheme in this district. From the Mean value, it can be commented that on an average 10.79% of total job card holders (ST) in West Bengal were benefited under MGNREGA Scheme in this District, during the whole study period. The S.D. value was 2.01% and C.V. value was 18.63, i.e., the S.D. value was 18.63% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. value in respect of Job cards issued to the ST people in these two Districts, it can be said that the S.D. value (i.e. 0.72%) in Birbhum District was comparatively less than the S.D. value (i.e.2.01%) in Purulia District, but C.V. value in the case of Purulia District (i.e. 18.63%) was slightly higher than the C.V. value (i.e. 6.07%) found in Birbhum District. It indicates that Birbhum District performed better than the Purulia District.

It is noted that S.D. and C.V. value in respect of Total ST Job Card holders for allover West Bengal was 1,17,151.63 and 12.62% respectively.

The C.V. value in respect of Total Job Cards (ST) of allover West Bengal (12.62%) was higher than the C.V. value found in Birbhum District (i.e.6.07%) but lower than the C.V. value found in Purulia District (i.e. 19%).

ANALYSIS ON PERFORMANCE IN RESPECT OF JOB CARDS ISSUED TO NON SC-ST COMMUNITIES

Total Job Cards issued to Non S.C - ST communities are another important indicator for measuring performance of work under MGNREGA Scheme in a District. The following table shows the data in respect of Total Job Cards (Non S.C./ ST) in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum Value, Minimum Value, S.D. and C.V. Value. Afterwards necessary comments have been made.

TABLE 5: TOTAL JOB CARDS (NON S.C./ ST)

Year	Birbhum District	Purulia District	All West Bengal.
2006-07	2,88,124 (10.15%)	1,79,980 (6.34%)	28,37,902
2007-08	2,98,805 (6.52%)	1,83,704 (4%)	45,80,544
2008-09	3,38,612 (6.56%)	2,03,362 (3.94%)	51,61,981
2009-10	3,38,612 (5.98%)	2,12,916 (3.75%)	56,71,260
2010-11	3,47,361 (5.68%)	2,36,973 (3.87%)	61,14,581
2011-12	3,85,567 (5.37%)	2,84,482 (3.96%)	71,77,267
2012-13	3,85,122 (5.26%)	2,88,043 (3.94%)	73,18,490
2013-14	3,88,826 (5.12%)	2,95,108 (3.88%)	75,96,417
Mean	**6.33 %**	**4.21 %**	**58,07,305**
Maximum Value	**10.15 %**	**6.34 %**	**75,96,417**
Minimum Value	**5.12 %**	**3.75 %**	**28,37,902**
S.D.	**1.53 %**	**0.81 %**	**15,16,338**
C.V.	**24.17 %**	**19.00 %**	**26.11 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is seen that during the period 2006-07 to 2013-14 in the District of Birbhum, the number of Total Job Cards (Non S.C- ST) was maximum at 10.15% in 2006-07 and it was minimum at 5.12% in the year 2013-14. The Mean value of Total Job Cards (Non S.C./ ST) in Birbhum District was 6.33% and S.D. value was 1.53% which is quite low. The C.V. value was 24.17%, i.e., the S.D. value was 24.17% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District, maximum Non- S.C./ ST people (i.e. the people belonging to the general community) were benefited in the year 2006-07 as 6.34% of Total Job Cards (Non SC- ST) in West Bengal was issued in this District. And lowest percentage of Total Job Card holders (Non SC-ST) were benefited in the year 2009-10 when only 3.75% of Total Job Card holders (Non SC -ST) in West Bengal got job under MGNREGA Scheme in this district. From the Mean value, it can be commented that on an average 4.21% of total non SC-ST job card holders in West Bengal were benefited under MGNREGA Scheme in this District, during the whole study period. It is seen that S.D. value was 0.81% and C.V. value was 19 which means that the S.D. value was 19% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. value in respect of Job Card holders among the non SC/ST people of the District, it can be said that in respect of this parameter, Purulia District's S.D. value (i.e. 0.808%) is comparatively less than the S.D. value of Birbhum District (i.e. 1.53%), and C.V. value in the case of Birbhum District (24.17%) is slightly higher than the C.V. value of Purulia District (19%). It indicates that in respect of MGNREGA works, the performance of Purulia District was better than the performance of Birbhum District. It is noted that S.D. and C.V. value in respect of Total Job Cards issued to non SC-ST people for allover West Bengal was 15,16,338 and 26.11% respectively. The C.V. value of allover West Bengal (26.11%) was higher than the C.V. value of both the districts

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL JOB CARDS ISSUED

The following table shows the data in respect of Total Job Cards (i.e. SC plus ST plus General) in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum Value, Minimum Value, S.D. and C.V. Value. Then necessary comments have been made.

TABLE 6: TOTAL JOB CARDS (SC, ST AND GENERAL) ISSUED

Year	Birbhum District	Purulia District	All West Bengal
2006-07	5,64,256 (10.69%)	3,86,294 (7.51%)	51,47,141
2007-08	5,72,035 (6.67%)	3,94,352 (4.60%)	85,78,073
2008-09	11,24,222 (11.76%)	4,12,803 (4.32%)	95,56,067
2009-10	6,37,222 (6.15%)	4,28,145 (4.14%)	1,03,51,948
2010-11	6,50,773 (6.06%)	5,56,363 (5.18%)	1,07,31,538
2011-12	6,58,163 (5.86%)	4,46,937 (3.98%)	1,12,23,660
2012-13	6,62,830 (5.78%)	4,55,667 (3.98%)	1,14,62,073
2013-14	6,67,372 (5.69%)	4,64,514 (3.95%)	1,17,35,501
Mean	**7.37 %**	**4.71 %**	**98,48,250**
Maximum Value	**11.76 %**	**7.51 %**	**1,17,35,501**
Minimum Value	**5.69 %**	**3.95 %**	**51,47,141**
S.D.	**2.308 %**	**1.128 %**	**20,27,651**
C.V.	**31.210 %**	**23.78 %**	**20.59 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is found that during the period 2006-07 to 2013-14, in the District of Birbhum, the number of Total Job Cards holders was maximum at 11.76% in 2008-09 and it was minimum at 5.69% in the year 2013-14. The Mean value of Total Job Card holders (SC, ST and General) in Birbhum District was 7.37% and S.D. value was 2.308% which is quite low. The C.V. value of 31.20% indicates that the S.D. value was 31.20% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District, Total Job Cards holders (SC, ST and General) was found to be maximum in the year 2006-07 registering the figure at 7.51% of Total Job Cards holders in West Bengal. And Total Job Card holders were found to be at its lowest figure in the year 2013 when only 3.95% of Total Job Card holders (SC, ST and General) in West Bengal got job under MGNREGA Scheme in this district. From the Mean value it can be commented that on an average 4.71% of Total Job Card holders (SC, ST and General) in West Bengal were benefited under MGNREGA Scheme in this District, during the whole study period. The S.D. value was 1.128% and the C.V. value was 23.78%, i.e., the S.D. value was 23.78% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. Value of the Job Card holders of the two Districts, it can be said that Purulia District's S.D. value (1.128%) was comparatively less than the S.D. value (2.308%) of Birbhum District, and C.V. value in the case of Birbhum District (i.e. 31.20%) was slightly higher than the C.V. value of Purulia District (i.e. 23.78%). It indicates that during the period of the study, the performance of Purulia District was the better than the performance of Birbhum District. It is noted that S.D. & C.V. value in respect of Total Job Card holders (ST, S.C. and General) for allover West Bengal was 20,27,651 and 20.59% respectively. It is observed that in both the selected districts C.V. value was higher than the C.V. value in West Bengal as a whole. Birbhum and Purulia district's C.V. values were 31.20% and 23.78% respectively, when West Bengal's C.V. value was 20.59 %.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL NUMBER OF FAMILIES COMPLETED 100 DAYS WORK

Total number of families who got works for 100days in a year is another important indicator for measuring success of the MGNREGA Scheme in any area. The following table depicts the data in respect of total number of families who got 100days works in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed value of Mean, Maximum value, Minimum value, S.D. and C.V. value. And then necessary comments have been made.

TABLE 7: TOTAL NO. OF FAMILIES COMPLETED 100DAYS WORK

Year	Birbhum District	Purulia District	All West Bengal
2006-07	3,076 (16.35%)	7,716 (41%)	18,817
2007-08	2,852 (9.06%)	9,033 (28.70%)	31,468
2008-09	5,535 (7.67%)	3,003 (13.02%)	23,050
2009-10	8,570 (8.16%)	10,086 (13.98%)	72,123
2010-11	27,032 (22.60%)	9,059 (8.63%)	1,04,967
2011-12	40,184 (15.88%)	6,646 (5.56%)	1,19,604
2012-13	46,864 (16.70%)	16,831 (6.65%)	2,53,088
2013-14	46,864 (16.70%)	19,491 (6.94%)	2,80,593
Mean	**12.43 %**	**15.56 %**	**1,12,964**
Maximum Value	**16.70 %**	**41 %**	**2,80,593**
Minimum Value	**2.99 %**	**5.56**	**18,817**
S.D.	**6.023 %**	**11.88 %**	**95,590**
C.V.	**48.43 %**	**76.34**	**84.62**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that in the District of Birbhum during the period 2006-07 to 2013-14, the number of total families getting works for 100days in a year was maximum at 16.70% consecutively in a row of two years in 2012-13 and 2013-14 and it was minimum at 2.99 % in the year 2008-09. The Mean value of Total Families Completed 100days work in Birbhum District was 12.43% and S.D. value was 6.023%. It is seen that this S.D. value was quite high. The C.V. value was 48.43% and it was also very high. This C.V. value indicates that S.D. value was 48.43% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that in Purulia District the maximum number of families completed 100days work was seen in the year 2006-07 when 41% of total families completed 100days work in this District. And lowest percentage of total families completing 100days work was seen in the year 2011-12 when only 5.56% of total families got 100days work under MGNREGA Scheme in this district. From the Mean value, it can be commented that during the whole study period on an average 15.56% of total families in this District got 100days work under MGNREGA Scheme. The S.D. value was 11.88% and the C.V. value was 76.34% which means that the S.D. value was 76.34% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. value in respect of number of families getting works for 100 days under MGNREGA scheme, it can be said that Birbhum District's S.D. value (i.e. 6.023%) was comparatively less than the S.D. value of Purulia District (i.e. 11.88%) but the C.V. value in the case of Purulia District (i.e. 76.34%) was significantly higher than the C.V. value of Birbhum District (i.e. 48.43%). These comparative figures indicate that Birbhum District's performance was better than the performance of Purulia District.

It is noted that the S.D. and C.V. value in respect of total families completing 100days work for allover West Bengal was 95,590.29 and 84.62% respectively. The C.V. value in respect of allover West Bengal (i.e. 84.62%) is significantly higher than the C.V. value of Birbhum (48.43%) and slightly higher than the same in Purulia District (i.e. 76.34%) respectively.

ANALYSIS OF PERFORMANCE IN RESPECT OF TOTAL HOUSEHOLDS WORKED

The following table depicts the data in respect of total number of house holds worked in the District of Birbhum, and Purulia and in the West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum Value, Minimum Value, S.D. and C.V. And then necessary comments have been made.

TABLE 8: TOTAL NO. OF HOUSE HOLDS WORKED

Year	Birbhum District	Purulia District	All West Bengal
2006-07	4, 64,676 (15.16%)	2,67,364 (8.67%)	30,83,757
2007-08	3, 77,950 (9.83%)	1,67,554 (4.36%)	38,43,335
2008-09	1, 85,743 (6.14%)	1,23,571 (4.10%)	30,25,854
2009-10	2,34,371 (6.73%)	1,64,870 (4.74%)	34,79,915
2010-11	4,44,009 (8.88%)	1,96,851 (3.93%)	49,98,234
2011-12	4,68,760 (8.50%)	1,90,854 (3.46%)	55,16,968
2012-13	4,52,489 (7.78%)	2,33,882 (4.02%)	58,17,331
2013-14	4,94,007 (8.05%)	2,43,437 (3.79%)	61,32,584
Mean	**8.88 %**	**4.66 %**	**44,87,248**
Maximum Value	**15.16 %**	**8.67 %**	**61,32,584**
Minimum Value	**6.14 %**	**3.47 %**	**30,25,854**
S.D.	**2.61 %**	**1.55 %**	**11,90,194**
C.V.	**29.39 %**	**33.26 %**	**26.52 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period 2006-07 to 2013-14 in the District of Birbhum the total number of households who got works under MGNREGA Scheme was maximum at 15.16% in 2006-07 and it was minimum at 6.14% in the year 2008-09. The Mean Value of total families completing 100days work in Birbhum District computed as a percentage of West Bengal figure was 8.88% and the S.D. value was 2.61%. It is seen that this S.D. value was quite low. The C.V. value was 29.39%, i.e., the S.D. value was 29.39% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is also seen that in Purulia District, maximum number of households were benefited in the year 2006-07 by getting jobs under MGNREGA Scheme with 8.67% of total households getting job in this District. And lowest percentage of performance was seen in the year 2011-12 when only 3.47% of total eligible households in West Bengal got jobs under MGNREGA Scheme in this District. From the Mean value, it can be commented that during the whole study period on an average 4.66% of total eligible households in West Bengal worked under MGNREGA Scheme in this District. The S.D. value was 1.55% and C.V. value was 33.26%, i.e., the S.D. value was 33.26% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. value of the two Districts, it can be said that Purulia District's S.D. value (i.e. 1.55%) was comparatively less than the S.D. value of Birbhum District (i.e. 2.16%), but C.V. value in the case of Purulia District. (33.26%) was slightly higher than the C.V. value of Birbhum District (i.e. 29.39%). It indicates that, the better performance was seen in the district of Purulia than the performance of Birbhum District. It is noted that S.D. & C.V. value in respect of total number of households getting jobs allover West Bengal was 11,90,194 and 26.52% respectively. The C.V. value of allover West Bengal (i.e. 26.52%) was lower than the C.V. value of Birbhum (i.e. 29.39%) and Purulia (i.e. 33.26%) respectively.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL HOUSEHOLDS (GENERAL CAST) WORKED

The following table depicts the data in respect of total number of households worked (General Cast) in the Districts of Birbhum and Purulia and in the West Bengal as a whole during the period 2011-2012 to 2013-2014 along with computed values of Mean, Maximum value, Minimum value, S.D. and C.V. value. And then necessary comments have been made.

TABLE 9: TOTAL NO. OF HOUSEHOLDS WORKED (GENERAL CAST)

Year	Birbhum District	Purulia District	All West Bengal
2011-12	6,58,163 (5.86%)	4,46,937 (3.98%)	1,12,23,660
2012-13	6,62,830 (5.78%)	4,55,667 (3.97%)	1,14,62,073
2013-14	6,67,372 (5.69%)	4,64,514 (3.96%)	1,17,35,501
Mean	**5.77 %**	**3.97 %**	**1,14,73,745**
Maximum Value	**5.86 %**	**3.98 %**	**1,17,35,501**
Minimum Value	**5.69 %**	**3.96 %**	**1,12,23,660**
S.D.	**0.069 %**	**0.01 %**	**2,09,121**
C.V.	**1.03 %**	**0.20 %**	**1.82%**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period 2011-12 to 2013-14 in the District of Birbhum, total number of households (General Cast) who worked under MGNREGA Scheme was maximum at 5.86% (as computed in percentage of All West Bengal figure) in 2011-2012 and it was minimum at 5.69% in the year 2013-14. The Mean value of total number of households (General Cast) worked in Birbhum District was 5.77% and the S.D. value was 0.069% which is quite low. The C.V. value works out at 1.03% which means that the S.D. value is 1.03% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is also seen that in Purulia District, the number of households (General Cast) who got jobs under MGNREGA Scheme was maximum in the year 2011-12 when 3.98% of total households (General Cast) getting jobs in West Bengal were from this District. And such percentage was found to be lowest in the year 2013-14 when only 3.96% of total eligible households (General Cast) in West Bengal worked under MGNREGA Scheme in this District. From the Mean value it can be commented that during the whole study period on an average 3.97% of total eligible households (General Cast) in West Bengal were benefited under MGNREGA Scheme in this District. The S.D. value was 0.008% and the C.V. value was 0.20%, i.e., the S.D. value was 0.20% of the mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and the C.V. value of the District, it can be said that Purulia District's S.D. value (i.e. 0.008%) was comparatively less than the S.D. value of Birbhum District (i.e. 0.069%) but the C.V. value in the case of Purulia District (i.e. 0.20%) was slightly lower than the C.V. value of Birbhum District (i.e. 1.03%). It indicates that in MGNREGA Scheme Purulia District performed better than Birbhum District. It is noted that the S.D. and the C.V. value in respect of total number of households (General Cast) getting jobs in allover West Bengal were 209121 (in absolute figure) and 1.82% respectively. The C.V. value for allover West Bengal (i.e.1.82%) was found to be higher than the C.V. value of both the Districts. In the case of Birbhum District such C.V. value was 1.03% and in the case of Purulia District it was 0.20% respectively.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL PERSON DAYS GENERATED BY WOMAN

'Total Person Days Generated By Woman' is an important indicator for measuring the success of the MGNREGA Scheme in any area. The following table depicts the data in respect of Total Persons Days Generated By Woman in the District of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014. The computed values of Mean, Maximum value, Minimum Value, S.D. and C.V. value have also been shown in this table. And then necessary comments have been made.

TABLE 10: TOTAL PERSON DAYS GENERATED BY WOMAN

Year	Birbhum District	Purulia District	All West Bengal
2006-07	8,00,000 (10.53%)	15,00,000 (19.74%)	76,00,000
2007-08	11,00,000 (7.14%)	14,00,000 (9.09%)	1,54,00,000
2008-09	17,00,000 (8.13%)	14,00,000 (6.70%)	2,09,00,000
2009-10	49,00,000 (9.44%)	43,00,000 (8.28%)	5,19,00,000
2010-11	42,00,000 (8.03%)	35,00,000 (6.69%)	5,23,00,000
2011-12	42,08,923 (8.66%)	23,75,166 (4.88%)	4,86,23,882
2012-13	52,21,762 (7.67%)	39,37,224 (5.79%)	6,80,46,772
2013-14	61,95,048 (7.60%)	42,45,129 (5.21%)	8,15,37,476
Mean	**8.40 %**	**8.30 %**	**4,32,88,516**
Maximum Value	**10.53 %**	**19.74 %**	**8,15,37,476**
Minimum Value	**7.14 %**	**4.88 %**	**76,00,000**
S.D.	**1.040 %**	**4.530 %**	**2,45,26,695**
C.V.	**12.38 %**	**54.57 %**	**56.67**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period of the study, total person-days generated by woman workers in the District of Birbhum was maximum at 10.53% in 2006-07 and it was minimum at 7.14% in the year 2007-08. The Mean value of this performance indicator was 8.4% and the S.D. value was 1.040% which is quite low. The C.V. value was 12.38%, i.e., the S.D. value was 12.38% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is seen that in the case of Purulia District also, total person-days generated by woman workers was maximum in the same year (i.e. in 2006-07) when 19.74% of total person-days generated by woman workers in West Bengal took place in this District. And such percentage was seen to be lowest in the year 2011-12 when only 4.88% of total person-days generated by woman workers allover West Bengal happened in this district. the Mean value reveals that during the whole study period on an average 8.30% of total persons-days generated by woman workers throughout West Bengal under MGNREGA Scheme took place in this District with S.D. value of 4.530% and C.V. value of 54.57%. The C.V. value indicates that the S.D. value was 54.57% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

The comparison of the S.D. and the C.V. value of the two Districts reveals that Birbhum District's S.D. value (i.e. 1.040%) was comparatively lower than the S.D. value of Purulia District (i.e. 4.530%) but the C.V. value in the case of Purulia District (i.e. 54.57%) was slightly higher than the C.V. value of Birbhum District (i.e. 13.38%). It indicates that during the study period in respect of person-days generated by woman workers, Birbhum District performed better than Purulia District. It is noted that the S.D. and the C.V. value in respect of this parameter allover West Bengal were 2,45,26,695 and 56.67% respectively. The C.V. value in the case of allover West Bengal (i.e. 56.67%) was higher than the C.V. value of both the Districts. The C.V. value in Birbhum District was 12.38% and it was 54.57% in Purulia District.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL PERSON DAYS GENERATED BY SC

Total Person Days Generated By Schedule Cast (SC) is an important socio-economic indicator for measuring performance of works under MGNREGA Scheme in a District. The following table depicts the data in respect of total person-days generated by Schedule Cast (SC) people in the District of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum value, Minimum Value, S.D. and C.V. value. And then necessary comments have been made.

TABLE 11: TOTAL PERSONS GENERATED BY SCHEDULE CAST (SC)

Year	Birbhum District	Purulia District	All West Bengal
2006-07	49,00,000 (30.82%)	13,00,000 (8.18%)	1,59,00,000
2007-08	45,00,000 (12.82%)	14,00,000 (3.99%)	3,51,00,000
2008-09	31,00,000 (10.51%)	10,00,000, (3.39%)	2,95,00,000
2009-10	55,00,000 (7.31%)	28,00,000 (3.72%)	7,52,00,000
2010-11	56,00,000 (9.77%)	22,00,000 (3.84%)	5,73,00,000
2011-12	68,24,107 (13.57%)	9,75,889 (1.94%)	5,02,89,277
2012-13	79,85,960 (12.16%)	19,37,953 (2.95%)	6,56,57,522
2013-14	90,04,549 (16.14%)	18,99,445 (3.41%)	5,57,76,048
Mean	**14.14%**	**3.93 %**	**4,80,90,356**
Maximum Value	**30.82 %**	**8.18 %**	**7,52,00,000**
Minimum Value	**7.31 %**	**1.94 %**	**1,59,00,000**
S.D.	**6.61 %**	**1.717 %**	**1,85,16,312**
C.V.	**46.67 %**	**43.62 %**	**38.50 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values. During the years 2006-07 to 2010-11 figures were in Lacks and thereafter figures were in absolute quantity.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period 2006-07 to 2013-14, in the District of Birbhum, total person-days generated by Schedule Cast (SC) people was maximum at 30.82% in 2006-07 and it was minimum at 7.31% in the year 2009-10. The Mean value of this parameter in Birbhum District was 14.14% and the S.D. value was 6.6084% which is quite high. The C.V. value is 46.67%, i.e., the S.D. value is 46.67% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is observed that during the same study period, in Purulia District, total person-days generated by SC people was maximum at 8.18% in the year 2006-07. And lowest percentage of this socio-economic parameter was seen in the year 2011-12 when only 1.94% of total person-days generated by SC people under MGNREGA Scheme happened in this District. The Mean value reveals that during the whole study period on an average 3.93% of total person-days generated by SC people in West Bengal under MGNREGA Scheme happened in this District with the S.D. value of 1.717% and the C.V. value of 43.62%. It is seen that the S.D. value was 43.62% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and the C.V. value of the two Districts, it can be said that Purulia District's S.D. value (i.e. 1.717%) was comparatively lower than the S.D. value of Birbhum District (i.e. 6.6084%) but the C.V. value in the case of Birbhum District (i.e. 46.67%) was slightly higher than the C.V. value of Purulia District (43.62%). It indicates that Purulia District performed better than Birbhum District.

It is noted that S. D. & C.V. value in respect of total person-days generated by SC workers in allover West Bengal was 1,85,16,312 and 38.50 % respectively. The C.V. value for the same parameter in All West Bengal (i.e. 38.50%) was seen to be lower than the C.V. values of both the Districts. In Birbhum District such C.V. value was 46.67% and Purulia District witnessed C.V. value of 43.62%.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL PERSON DAYS GENERATED BY ST

'Total Persons Generated by Schedule Tribe' (ST) is also an important socio-economic indicator for measuring performance of works under MGNREGA Scheme in a District. The following table depicts the data in respect of total person-days generated by ST workers in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum value, Minimum Value, S.D. and C.V. value. And then necessary comments have been made.

TABLE 12: TOTAL PERSONS GENERATED BY SCHEDULE TRIBE (SC)

Year	Birbhum District	Purulia District	All West Bengal.
2006-07	12,00,000 (14.63%)	14,00,000 (17%)	82,00,000
2007-08	15,00,000 (11.19%)	15,00,000 (11.19%)	1,34,00,000
2008-09	8,00,000 (6.84%)	12,00,000 (10.26%)	1,17,00,000
2009-10	15,00,000 (6.72%)	28,00,000 (12.56%)	2,23,00,000
2010-11	14,00,000 (6.73%)	25,00,000 (12.02%)	2,08,00,000
2011-12	15,74,995 (10.15%)	11,63,364 (7.50%)	1,55,14,426
2012-13	19,11,440 (9.51%)	18,98,027 (9.44%)	2,01,00,340
2013-14	21,82,832 (8.08%)	21,25,472 (7.83%)	2,71,61,119
Mean	**9.23 %**	**10.97 %**	**1,73,96,986**
Maximum Value	**14.63 %**	**17.00 %**	**2,71,61,119**
Minimum Value	**6.72 %**	**7.50 %**	**82,00,000**
S.D.	**2.58 %**	**2.85 %**	**58,61,171**
C.V.	**27.95 %**	**25.89 %**	**33.69**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values. During the years 2006-07 to 2010-11 figures were in Lacks and thereafter figures were in absolute quantity.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period of the study in the District of Birbhum, total person-days generated by ST workers was maximum at 14.63% in 2006-07 and it was minimum at 6.72% in the year 2009-10. In this District, the Mean value of this parameter was 9.23% and the S.D. value was 2.58% which is quite low. The C.V. value was 27.95% indicating that the S.D. value was 27.95% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is also observed that in the case of Purulia District also, total person-days generated by ST workers was maximum (i.e. 17 %) in the same year i.e. in 2006-07. And lowest percentage of this performance indicator was seen in the year 2011-12 when only 7.50% of total person-days generated throughout West Bengal under MGNREGA Scheme happened in this District. The Mean value indicates that during the whole study period on an average 10.94% of total person-days allover West Bengal were generated by the Schedule Tribe workers under MGNREGA Scheme in this District with the S.D. value of 2.85% and the C.V. value of 25.89%. The C.V. value indicates that the S.D. value was 25.89% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

While comparing the S.D. and C.V. value, of the two Districts, it can be said that Birbhum District's S.D. value (2.588%) is comparatively less than the S.D. value of Purulia District (2.8457%) but C.V. value in the case of Birbhum District. (27.95%) was slightly higher than the C.V. value of Purulia District (25.89). It indicates that, the better performance of Birbhum District than the performance of Purulia District was observed.

It is noted that S.D. & C.V. value in respect of Total Person Days generated by Schedule Tribe (ST) throughout West Bengal was 58,61,171 and 33.69% respectively. The C.V. value in West Bengal (33.69%) is higher than the C.V. value of Birbhum (27.95%) and Purulia District (25.89%) respectively.

ANALYSIS ON PERFORMANCE IN RESPECT OF TOTAL LABOUR EXPENDITURE DISBURSED UNDER MGNREGA WORKS

The following table shows the data in respect of Total Labour Expenditure Disbursed in the Districts of Birbhum and Purulia and in West Bengal as a whole during the period 2006-2007 to 2013-2014 along with computed values of Mean, Maximum value, Minimum Value, S.D. and C.V. value. And then necessary comments have been made.

TABLE 13: TOTAL LABOUR EXPENDITURE DISBURSED (Rs. in Thousand)

Year	Birbhum District	Purulia District	All West Bengal
2006-07	7,040 (22.85%)	3,106 (10.08%)	30,815
2007-08	7,967 (10.41%)	3,729 (4.87%)	76,550
2008-09	5,414 (8.80%)	3,138 (5.10%)	61,522
2009-10	11,807 (8.82%)	9,905 (7.06%)	1,40,193
2010-11	14,981 (9.04%)	9,990 (6.03%)	1,65,658
2011-12	18,817 (10.34%)	8,026 (4.41%)	1,82,059
2012-13	24,370 (9.51%)	11,146 (4.38%)	2,54,386
2013-14	25,166 (10.10%)	12,965 (5.20%)	2,49,279
Mean	**11.23 %**	**5.89 %**	**1,45,058**
Maximum Value	**22.85 %**	**10.08 %**	**2,54,386**
Minimum Value	**8.80 %**	**4.38 %**	**30,815**
S.D.	**4.43 %**	**1.78 %**	**79,932**
C.V.	**39.47 %**	**0.30 %**	**55.10 %**

Source: www.nrega.nic.in

Note: Various computations for the two districts have been made by taking the percentage values. And such percentage values (as shown under bracket) for a district have been computed by taking the particular value for the district and the value for West Bengal as a whole. In the column for West Bengal, all computations have been made by taking the absolute values.

ANALYSIS

IN RESPECT OF BIRBHUM DISTRICT

It is observed that during the period of the study, in the District of Birbhum, total labour expenditure disbursed towards MGNREGA works was maximum at 22.85% in 2006-07 and it was minimum at 8.80% in the year 2008-09. The Mean value of this performance indicator in this District was 11.23% with the S.D. value of 4.43%. It is seen that this S.D. value is quite low. The C.V. value of 39.47% indicates that the S.D. value was 39.47% of the Mean value.

IN RESPECT OF PURULIA DISTRICT

It is seen that in the case of Purulia District also, total labour expenditure disbursed towards MGNREGA works was maximum in the year 2006-07 when 10.08% of total labour expenditure was Disbursed towards MGNREGA works in this District. And lowest percentage of this parameter was seen in the year 2012-13 when only 4.38% of total labour expenditure was disbursed under MGNREGA Scheme in this district. From the Mean value, it can be said that during the whole study period on an average 5.89% of total labour expenditure towards MGNREGA works was disbursed in this District registering the S.D. value of 1.78% and the C.V. value of 1.78%. The C.V. value of 1.78 % means that the S.D. value was 1.78% of the Mean value.

COMPARISON OF PERFORMANCE BETWEEN THE TWO DISTRICTS

The comparison of the S.D. and the C.V. value of the two Districts in respect of the total labour expenditure disbursed towards MGNREGA works shows that Purulia District's S.D. value (i.e.1.78%) was significantly lower than the S.D. value of Birbhum District (i.e. 4.43%), and C.V. value in the case of Birbhum District (39.47%) was many times higher than the C.V. value for Purulia District (i.e.0.30%). It indicates that Purulia District performed better in respect of MGNREGA works than Birbhum District.

It is noted that the S.D. and the C.V. value in respect of total labour expenditure disbursed towards MGNREGA works in West Bengal was Rs 79932 and 55.10% respectively. It is seen that the C.V. value in the case of West Bengal (i.e.55.10%) was not only higher but also significantly higher than the C.V. value of both the Districts.

OBSERVATIONS OF THE STUDY

By summing up of the observations it can be said that in respect of some parameters, the performance of the Birbhum District is found to be better and in respect of some other parameters Purulia District has shown better performance in implementation of MGNREGA works. If we try to rank these two districts by assigning numerical scores against each of the performance indicators that have been taken in the study, it can be seen that on the whole performance of the Birbhum District in respect of implementation of MGNREGA works is better than Purulia District.

CONCLUSION

There lies enough scope for providing jobs to larger number of people. For achieving success in MGNREGA Scheme person-days generated by different communities are to be hiked. Investigations are needed whether the persons willing to serve under MGNREGA Scheme are not getting jobs or whether they are not willing to work under MGNREGA Scheme because of having some grievances like lower wage rate (in comparison to the wage rates of other works which are easily available in the concerned locality), non-payment of wages on regular or timely basis or due to some other specific reasons. After finding out the reasons, proper measures are to be taken by the government to make the MGNREGA Scheme successful by achieving its desired objectives. Only a further research in the area can explain all these issues.

REFERENCES

1. Mahatma Gandhi National Rural Employment Guarantee Act (NREGA), 2005.
2. The website of MGNREGA Scheme i.e. www.nrega.nic.in

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