

The Study on Workers' Education and Development with Reference to Raipur, Chhattisgarh – A Brief Review

Dr. Prachee Sharma,

Assistant Professor, The ICFAI University, Raipur (Chhattisgarh)

Abstract: This study offers a thorough analysis of worker education and development in Raipur, Chhattisgarh, with an emphasis on evaluating the condition of worker development programs and initiatives as of right now. As a developing metropolis, Raipur has particular opportunities and problems when it comes to improving the knowledge and skills of its workforce. The review assesses the efficacy of training and educational initiatives meant to enhance employees' competences and career opportunities by synthesising available research, policy papers, and statistical data.

The study looks at the obstacles that employees must overcome in order to obtain resources for their education and development, as well as the role that governmental and non-governmental organisations play in supporting these efforts.

The research shows both success and challenges: whereas educational options and skill development programs have advanced significantly, problems including poor infrastructure, weak industrial connections, and regional inequities still exist. In order to better serve the demands of Raipur's workforce, the evaluation ends with recommendations for changes to policies, more funding for training facilities, and improved industry-academic cooperation. The purpose of this brief review is to give stakeholders—policymakers, educational institutions, and business leaders—an understanding of the state of worker education and development in Raipur today and to identify areas that could benefit from strategic intervention to produce a workforce that is more skilled and flexible.

Keywords: Workers' Education, Workforce Development, Skill Development, Labor Market

Introduction:

The state of Chhattisgarh, located in central India, has Raipur as its capital. It acts as the region's principal administrative and commercial centre. In terms of the economy, Raipur is well-known for its power, steel, and aluminium sectors. Rich mineral resources are close by, which helps the city and supports its industrial growth. Raipur's infrastructure is also expanding, and advancements in urban amenities and transport are improving the city's economic outlook. The city is an important component in Chhattisgarh's economic landscape due to its advantageous location and industrial base.

Innovation is more likely to come from a workforce with higher education. Competent employees are better able to integrate new technology and procedures, which helps companies maintain their competitiveness in a market that is changing quickly. Workers contribute more substantially to the economy as they gain in skill. Higher rates of economic growth, more money coming into the country, and better living standards can all result from this. Individuals that invest in their education and growth usually have greater employment opportunities and earn more money. This helps the economy and the workers themselves in addition to increasing consumer spending overall.

A trained worker can move between industries more easily and is more adaptive, which lowers unemployment rates and lessens the effects of recessions. Businesses can more effectively employ human resources and cut down on wasteful hiring and training by investing in education and development, which helps workers match their talents to industry demands. Education and personal growth offer people the chance to elevate their socioeconomic standing. This has the potential to lessen social inequality and provide underprivileged people with a means of achieving improved life outcomes. Improved health outcomes are correlated with education. People with higher levels of education also tend to have healthier lifestyles and have better access to healthcare, which promotes social well-being in general.

The education and professional growth of workers is essential to both social and economic progress. They promote economic growth, encourage creativity and productivity, and enhance social cohesiveness and personal well-being. It is advantageous to invest in these sectors not only for the workers but also for society at large.

The Study's Objective

1. To assess the efficiency of existing educational and developmental initiatives for workers in Chhattisgarh's Raipur

region.

2. The objective would be to comprehend their substance, organisation, and influence on the knowledge and skills of workers.
3. To pinpoint particular requirements and deficiencies in the present educational programme for Raipur's workforce.
4. To offer suggestions, in light of the results, for enhancing the programs for worker education and development.

Study Scope

The 2020–2021 investigations will be the main topic of this study. This period of time makes it possible to comprehend trends and advancements in Raipur, Chhattisgarh, workers' education and growth. Programs for developing professional skills and capacity are among them.

The focus is mostly on Raipur, the capital city of Chhattisgarh, with an aim to examine the local dynamics and efforts that involve a wide spectrum of workers from various sectors.

The implementation of a structured strategy guarantees that the approach is pertinent and focused on the unique context of worker education and development in Raipur, Chhattisgarh.

Literature Review

"Does Education expenditure impact India's Economic Growth: A Time Series Analysis" is the subject of research by Lalit (2014). The aim of this study was to measure the relationship between government spending on education and the expansion of the Indian economy objectively. Researchers have also proposed that in order to boost productivity, policymakers in India should work to raise the country's human capital levels. This essay backs up the economic theory that claims there is a causally beneficial association between economic growth and spending on education.

In his study "What influences harmonious employee relations?" Rahul Seth (2014) explains that while employee relations is the study of the relationship between an organisation and its employees, harmony in employee relations is influenced by the presence or absence of human values in the employment relationship, which can be explained by the social exchange theory in an institutional context. According to the study, the expenses and benefits incurred by the two parties to an employment contract should be balanced. The conclusion was that managing employee relations in the context of its surroundings is necessary, since there is no one-size- fits-all approach to preserving harmony in the workplace.

The structure and components of employee training and development programs are examined by Ram Kumar P.B. (2011) in his paper "Training & Development Program & its benefits to employees & organisation: A Conceptual Study." In his article, he made the point that workers are an organization's most valuable asset and that their performance is the key to its success. This study shows that organisations and individual employees alike greatly benefit from training initiatives. These perks could improve worker performance and, thus, the organization's production, either directly or indirectly. Additionally, this study has shown the benefits of training for the organisations.

Hypothesis:

Higher education and training levels are associated with better job performance and career progression in Raipur as opposed to lesser education and training levels.

Methodology: In order to find common elements relating to education and development, this study will identify and analyse themes or patterns in the data from focus groups and interviews. It will also rigorously analyse the qualitative data.

Data Collection:

There are books, journals, and research articles regarding worker development and education available. The piece was composed in both Hindi and English. Some of the sources used for the data collecting are as follows:

- 1 Books written by authors and available in different translations.
2. Papers that have appeared in several journals.
3. Academic studies on learning and growth.
4. Articles on the subject written by several organisations, including the Indian Census, CGDES, UDISE, Higher Education Department, and School Education Department.

5. Websites available online.

Study, Data Analysis and Discussion:

The purpose of this research is to investigate the educational and developmental requirements of labourers in Raipur, Chhattisgarh, a city undergoing substantial industrial growth and economic upheaval. The rise of the city's economy, propelled by industries like manufacturing, steel, and power, requires a highly educated and skilled labour force to maintain and accelerate growth. It is imperative, nevertheless, to ascertain the extent to which this workforce is supported by the present frameworks for growth and education.

This study attempts to offer insights into how educational and developmental programs might be adapted to better suit the requirements of workers in Raipur through a thorough review of educational level, literacy level, and workers level. Through outlining the advantages and disadvantages of existing approaches, the study aims to provide suggestions for enhancing workforce development tactics in the area.

In order to cultivate a dynamic and competent workforce that can successfully contribute to the city's ongoing economic growth and stability, it is imperative to comprehend the relationship between workers' education and development in Raipur. In addition to adding to the body of knowledge in academia, this study tries to offer practical suggestions for Raipur enterprises, educational institutions, and governments.

Education Level as on 2020-21 in Raipur district

Education Canter	No of Education centre
School (Government and Private)	2452
Government University	01
No of Government Colleges	21
Private University (Approved by CG Government)	05
No of Private Colleges (Affiliated with Govt University)	90
Total	2569

Source: * Unified District Information System for Education (UDISE) 2020-21

* Department of Higher Education, Chhattisgarh

The biggest group, with 2,452 institutions, is evident from the figures above. Primary and secondary education appear to be receiving a lot of attention. A total of 6 universities are present, comprising 1 government university and 5 private universities. In general, universities provide undergraduate and graduate programs as well as higher education.

There are 21 government colleges, which likely offer varying degrees of higher education and are dispersed throughout different fields. Ninety, Private Colleges (Associated with Government Universities) that offer courses in collaboration with the government institution, giving students in the area more options for postsecondary education.

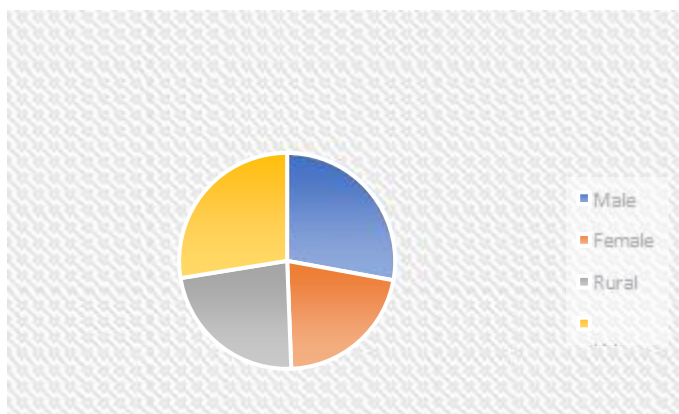
Schools make up a large section of the landscape (95.4%), whilst higher education institutions only make up 4.6%. The share of private institutions is approximately 3.7%, whereas the share of government institutions is approximately 0.84%, with 1 government university and 21 government colleges. Private institutions make up a greater percentage of higher education— about 81.2%—than government institutions—22 out of a total of 95.

There appears to be a significant emphasis on primary and secondary education given that schools make up the great majority of educational institutions. Compared to schools, universities and colleges have smaller enrolment, which suggests a smaller but yet substantial higher education market. In higher education, the private sector is more prevalent than the public sector. This may imply a variety of options for postsecondary education, but it may also point to a dependence on private universities for more advanced coursework.

Literacy Level at Raipur District as on 2020-21

Category	Literacy Percentage
Male	85.24%
Female	65.74%
Rural	70.47%
Urban	84.24%

Out of total population age 7 & above in its category



Source: Unified District Information System for Education (UDISE) 2020-21

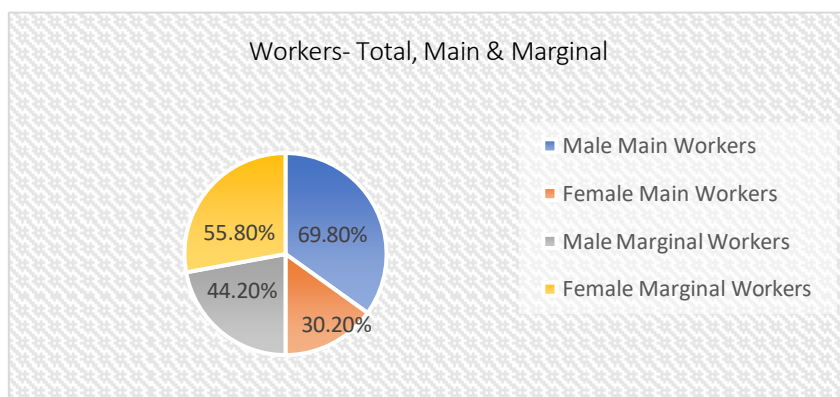
The percentages of literacy by gender are shown in the statistics. The literacy rates of men and women differ significantly; the former have a rate 19.50 percentage points greater than the latter. This shows that there are gender differences in education that should be taken seriously, with women having less access to and completion of school than men. There is a 13.77 percentage point disparity in the literacy rates of urban and rural communities. This suggests that compared to rural areas, urban areas often have greater educational options, infrastructure, and resources.

Gender and geography together probably mean that rural women have the lowest rates of literacy among other groups. Though the difference between rural and urban male literacy rates would not be as great as that between rural and urban female literacy rates, it would still exist.

Workers- Total, Main & Marginal

Category	No of Workers	
	Main	Marginal
Male	879956	220008
Female	379182	278518
Total	1259138	498526

Source: Census of India 2011



Main Workers are those who work for a living. Marginal workers are people that work just on occasion or for a short amount of time. The number of key workers varies significantly by gender. Males make up around 69.80% of the entire

workforce, compared to females' 37.4%. Females account for a bigger share of marginal workers (55.80%) than males (44.20%). This may indicate that women are more likely than males to work part-time or in less stable jobs. The majority of workers (71.6%) are engaged in primary activities, whereas a sizable proportion are employed in marginal activities (28.4%).

The higher proportion of males as principal workers may suggest a gender gap in primary job possibilities or choices. The increased number of female marginal workers may be due to part-time employment preferences or other socioeconomic factors that influence female labour participation.

The results show a gender-based gap in work types, with men primarily in main employment and women more frequently in marginal employment. These findings could inform targeted actions and policies to overcome gender disparities in the workforce.

Current Programs and Initiatives

In Raipur, Chhattisgarh, there are various projects and programs aimed at worker education and development. These programs seek to improve skills, increase job prospects, and promote overall worker welfare. Here are some major initiatives:

1. The Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) aims to improve rural youth employability through skill training.
2. National Skill Development Corporation (NSDC) engages with training partners to provide industry-specific vocational training programs.
3. Industrial Training Institutes (ITIs) offer technical training in many trades, equipping workers with job-relevant skills.
4. The Chhattisgarh State Skill Development Authority (CSSDA) provides training and certification programs to develop skills in many sectors.
5. The National Literacy Mission aims to increase adult literacy rates and promote functional literacy skills.
6. Adult Education Programs: State-run and NGO-led efforts aim to improve education levels among adults, indirectly benefiting workers.
7. Employees' State Insurance Scheme (ESI) provides medical, disability, and pension benefits to employees.
8. Employees' Provident Fund (EPF): A savings plan for financial security after retirement.
9. The MUDRA Yojana provides financial help to small enterprises and entrepreneurs, especially those in the informal sector.
10. The Start-Up India Scheme offers incentives and support for new businesses, encouraging employees to be entrepreneurial.
11. The Chhattisgarh Labour Department enforces labour laws and regulations to protect workers' rights and promote fair working conditions.
12. Collaboration with NGOs and commercial Sector: Programs address worker education and development requirements through partnerships with non-governmental organisations and commercial firms.

Challenges and Limitation

Studying worker education and development in Raipur, Chhattisgarh, might provide a number of obstacles and limits. Here are some major issues:

1. Limited availability of reliable and comprehensive data on worker education and development. Existing statistics may be old or not detailed to provide a complete picture.
2. Data gathered from informal sources or poorly maintained records may lack accuracy and trustworthiness.
3. Raipur workers' various socioeconomic backgrounds can impact their access to education and development opportunities. This variability can impede data processing and comparability.
4. Economic factors may limit employees' ability to pursue more education or training. Identifying these restrictions and their effects on worker growth might be difficult.
5. Limited educational and training facilities in Raipur may impair the quality and accessibility of worker education programs.
6. Evaluating the performance and impact of educational programs and training can be challenging due to their varying quality.

7. Cultural norms and attitudes towards education and skill development may impact worker involvement in educational programs. Overcoming these obstacles can be difficult.
8. Addressing these obstacles necessitates careful planning, a thorough grasp of the local context, and an adaptable approach to study design and implementation.

Recommendations for Improvement:

1. **Enhanced Training Programs:** Create and implement training programs that are tailored to the specific needs of diverse industries in Raipur. Collaboration among government agencies, educational institutions, and industry leaders can help develop more effective and accessible training programs.
2. **Increased Accessibility:** Increase access to educational resources by building additional local training centres, offering online courses, and giving flexible learning options that fit into the schedules of working people.
3. **Awareness campaigns:** Launch initiatives to create awareness about the value of continuing education and accessible development opportunities. This might encourage employees to participate in personal and professional development initiatives.
4. **Policy Support:** Advocate for policies that promote worker education and development, such as training program subsidies, employer incentives for investing in staff development, and assisting underprivileged workers in accessing educational resources.

Conclusion

This study on workers' education and development in Raipur, Chhattisgarh, sheds light on the current state of workforce education and its impact on professional progress and productivity. The survey finds a large discrepancy between workers' educational degrees and the skills required for their occupations. Many Raipur workers have basic educational degrees but lack the additional skills required for increased productivity and job advancement. This gap indicates the necessity for tailored training programs that address specific skill deficiencies.

Access to ongoing training and professional development programs is limited. Workers in Raipur, particularly those in lower-wage or informal sectors, frequently confront challenges such as insufficient finances, a lack of time, and a lack of understanding about available training possibilities. Addressing these hurdles is critical to increasing workers' overall skill level and job satisfaction.

There is a direct relationship between educational progress and enhanced productivity. Employees who have access to suitable training programs report increased work satisfaction and performance outcomes. Investing in educational development not only improves individual talents but also increases overall organisational effectiveness.

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