

## A study on Skill development initiatives to make Employees Productive

**Dr. Vijay Nimbalkar, Prof. Girish Naik**

*Associate Professor, International Institute of Management Studies, Pune*

*Assistant Professor, International Institute of Management Studies, Pune*

### Abstract

This report examines the Indian economic system's current highly trained employees and prospective talent needs. The report additionally discusses the lack of skilled workers in several industries and the significant concepts and legislative implications in resolving specific difficulties and obstacles in the talent Growth and Efficiency arena. Presently, India ranks as one of the globe's oldest countries, with over sixty per cent of its working citizens (15-59 years) and more than 54% of its population under the median age of 25. Over a decade over that period, the population pyramid will likely bulge throughout the 15-59 age range. It is also anticipated that by 2020, the typical age of the Indian population will be 39 years old, compared with 40 years in the United States and 46 years in Beijing—a total of 47 years living in Japan and 46 years in Europe. In reality, the workforce in wealthy nations is anticipated to drop by 4% over the next 20 years, while it will expand by 32% in India. This presents both a serious problem and a fantastic chance. To harvest the population dividend, predicted to persist for the next 25 years, India must provide its workers with applicable abilities and expertise that will allow individuals to contribute significantly to the country's economic progress. If Pakistan progresses closer to having an internationally recognized information economy, it must match the ambitions of its young people. It can be addressed by creating expertise appropriate to the evolving business climate. The obstacle involves a massive physical growth of skill development facilities and the critical goal of improving their overall performance. Politics, every aspect of the economy, grassroots efforts organizations, beautiful, exceptionally competent, enthusiastic people working in the skilling and business ownership space for a long time, business and trade organizations, and other customers share the burden of advancing skills. The plan connects developing skills to increased adaptability and effectiveness, laying the road for America's equitable growth. To provide sufficient prospects for the trained job market, the skill approach has been paired with

particular measures to stimulate commerce. Skill development must be integrated into jobs and growth policies to increase mobility and output. As a result, synchronization among different national financial theories and expansion goals is crucial.

**Keywords:** Skill development; initiatives; employee; productivity; training and development

## 1. Introduction

Businesses try to attain long-term expansion and safeguard their advantage in the ever-changing and challenging business world. Their workforce's constant growth and improvement is critical to their thriving. As the foundation of any organization, staff members play a crucial role in enhancing efficiency and ensuring organizational success. Recognizing this, many foresighted businesses commit heavily to educational and growth programs to educate and upskill their employees.

Staff productivity is an essential indicator of a business's effectiveness and overall efficacy. Employees with the necessary expertise, skills, and abilities may do their responsibilities more successfully, which causes higher production. Courses of study allow professionals to learn fresh skills, improve existing ones, and stay current. Additionally, the benefit of training and development programmes extends beyond immediate employee efficiency since they have been empirically found to influence organizational success significantly. Organizations that devote funds to broad education programmes generally see increased personnel happiness with their jobs and interactions. The latter generates a healthy work atmosphere, improves retention of workers, and invites top talent to the organization. Furthermore, training programmes aligned with organizational objectives and methods assist in developing a knowledgeable and adaptive population adept at solving new issues and fostering ingenuity.

Whilst the benefits of developmental and training initiatives are generally recognized, it is critical to look into the elements contributing to their implementation. This paper's scope will look into various topics, including programme design, which is material value, dissemination techniques, and feedback. Everyone hopes to give critical insight concerning the most successful practices for developing and carrying out instructional

programs that maximize employee productivity and contribute towards long-term corporate achievement by reviewing existing studies and empirical investigations.

Lastly, the inquiry above aims to add to the existing body of knowledge about educational and development initiatives by reviewing their impact on staff productivity and organizational performance. The results of this research can help organizations make sound choices about their training and development initiatives, creating a culture of perpetual learning, expansion, and fulfilment.

To meet the goals of this study's work, we will systematically investigate and synthesize current material from reliable sources such as research papers, business reports, and academic books. They hope to give a complete and impartial study of the correlation between training and development programs, staff effectiveness, and organizational performance by utilizing various studies and research data. The study described in this article focuses on the connection between training and development programs, employee productivity, and organizational performance. We hope to shed light on their effectiveness, variables shaping the results they achieve, and new trends in the field by synthesizing current material and analyzing various elements of these programs. The results of this investigation will be helpful to organizations looking to optimize their training and development efforts, resulting in a competent, more successful staff that accelerates company growth (Prince et al., 2021; Paliouras & Siakas, 2017; Rajendran, 2022).

Subsequently, the research above investigation aims to add to the pool of understanding regarding educational and development programs by giving an in-depth review of their impact on staff productivity and organizational performance. The investigation results can help organizations make educated decisions about their educational and training initiatives, creating an atmosphere of perpetual education, the development of cells, and excellence (Ray, 2021).

To accomplish the objective of this study's work, we will take a methodical approach to examine and synthesize current data from reliable outlets such as academic books, reports from industries, and scholarly publications. We aim to give a comprehensive and

impartial study of the relationship underlying training and development programs, staff effectiveness, and organizational performance by utilizing various research studies and their findings.

The study's objective described in this article is to investigate the connection between developmental and training initiatives, staff efficiency, and overall organizational performance. We hope to shed insight into how they work, the variables determining the results they achieve, and fresh developments in the field by synthesizing current material and analyzing various elements from these programs. The study results will be helpful to organizations looking to optimize their training and development efforts, resulting in a competent and efficient staff that accelerates organizational achievement.

Cooperation among various actors, uniformity in sectoral and macro photography, skill procedures, sharing of knowledge, the successful collaboration of trade unions and employers, and technological advancement arise as critical components of any growth plan. Engagement by everyone involved will fortify the transition to a skilled population. This would also guarantee that small businesses have access to education programs and that existing managerial competencies are developed in order for them to flourish. It also appears that, while coordination is required, it is also necessary (repeatedly) to assure gender parity, improve gadgets, expand manufacturing structure, enhance one's skills, and collect/disseminate information on future requirements and available supply. This will boost the quantity of skilled labour and minimize the supply-demand imbalance (Gaidhani et al., 2019; Bhalla & Bansal, 2014; Bansal et al., 2022).

This article examines the current state of India's skilled labour force.

## 2. Review of Literature

S. Aggarwal (2016) has written a paper in which he seeks to demonstrate the significance of what he terms the "Central Pillar of Employability: Capacity Improvement." This dissertation is an effort to explain the current skill potential and the issues confronting the country's vocational education system and their remedies. To evaluate the skill capability possessed by the Indian workplace through academia and job-specific training. The current study also discovered that the government, along with its coalition partners, has

implemented various measures/initiatives to ensure the economy experienced its effective execution of the development of the skills system. It also confronts many unidentified issues/challenges that require regulators' prompt response. It also discovers that these programs are unable to generate.

Okada A. (2012) discussed "Skills Education for Millennials in the Nation of India: Issues and Potential." The publication mentions the newest initiative to help youths move into the workforce (Arora et al., 2021; Arora et al., 2018; Bansal et al., 2022).

Through various factors, Bangladesh is confronting complex and enormous obstacles in promoting adolescent skill development. This study provided insight into the skill disparity within the nation, among which sectors want as a result of previous substantial economic expansion and the abilities that adolescents learn through apprenticeships. It also proposed that the nation increase its expenditures on young learners, which helps to boost the manufacturing sector while achieving long-term growth (Aybas et al., 2022; Afonso, 2022; Dalavai, 2022).

Punjani researched "A study on the need for enhancement of skills to successfully implement the Manufacture in India plan." The research objective was to determine the need for India's current degree of educational capabilities.

This information is obtained from additional sources and used. A qualitative method will be the method used in this study. According to the findings, India's existing talent development approach demands prompt medical assistance. The following are the primary conclusions of the publications:

A mere ten per cent of the Indian population in employment holds received formal education in higher education, technical education, or trade school. Mexico has an education capability of 4.3 million learners per year, which is less than a fifth of the world's average of 22 hundred exceptional persons in need of aid yearly.

On a subject titled "Skill Development Initiatives in India: Difficulties and Options regarding Occupational Education Efforts in Maharashtra," Yadav. R. pointed out that due to many factors such as unintentional urban migration leading to urban poverty,

population growth, and high dropout rates, India will face a shortage of 5.25 hundred million qualified and vocationally trained workers in the coming years. The study's primary goal is to (Yadav) boost the production workforce in organized and unorganized sectors, especially among young, women, disabled, and disadvantaged groups. It has been noticed in a number of states that the rise of the vocational and technical education system is directly tied to the nation's economic progress.

### 3. Objective

1. Analyze the social and economic profile of beneficiaries who participate in developing skills.
2. To research and determine the primary issues and challenges participants encounter after receiving skill Acquisition development.

### Hypothesis

H0: There is no conclusive connection between the age group and this issue of young working for oneself.

H1: There is a substantial relationship between the age group and the difficulty of independent contractors encountered by youth.

H0: There is no relationship between academic achievement and job market problems in the national Skill India development program.

H1: There's a correlation connecting schooling and the unemployment problem related to the national Skills India improvement program.

### 4. Research Methodology

The selective sampling strategy was used to choose specimens for inquiry in this investigation. Throughout this study, the entire number of participants was limited to sixty people who participated.

The entire sample for this research had been limited to 60 respondents. At that point, a sample size is decided after several considerations, including time, money, and task volume.

The current research is both analytical as well as descriptive in nature. The researcher used secondary and primary data; however, the information acquired during fieldwork received more attention. The basic information was gathered by conducting a field survey of 60 participants from the sample in Sagar City using an organized survey. The secondary data was gathered from numerous websites. The scientist is convinced it will be the most accurate because the extra information is obtained from approved and trustworthy sources.

## 5. Analysis of Data

Table 1: Demographic Profile of the Respondents

Profile	Variable	Total N.R.	Percentage	Total		Chi-square test		Total
				TNR	Percent-age	Chi-square value	Table value	
Age	0 to 30	26	40	60	100	27.34	7.919	S
	From 31 to 40	24	36			df 3		
	From 41 to 50	7	15					
	Above 51	3	9					
	Sum	60	100					
Gender	Women	26	41	60	100	1.66	3.854	NS
	Men	34	59			df 1		
	Sum	60	100					
Education	Uneducated	5	8	60	100	64.2	10.073	S
	01-10	10	15			df 5		
	11- 12	20	35					
	Graduation	12	18					
	P.G. and more	7	12					
	Vocational/technical	5	8					
	Total	60	100					
Marital	Married	39	65	60	100	5.5	3.854	S
	Unmarried	21	35			df 1		
	Total	60	100					

The study found a link between a few of the respondents' demographic characteristics and the issue of youth joblessness in the study area. A total of 60 respondents were gathered for the study, and it has been determined that 58 per cent of them are men and 42 per cent are women. This indicates that women are less interested in the concept of the Skill India programme than men are, and this is reflected in the gender distribution of the respondents. Regarding the respondents' ages, 42% of them are under 30 years old and have benefited the most from the Skill India programme, followed by 37% of respondents in the 31–40 year age range, 15% of respondents in the 41–50 year range, and 7% of those responding in the 51–plus year bracket. The assessment of



educational qualifications revealed that, of the total respondents, 60% are educated below the secondary level, including 10% who are illiterate, 15% who have completed elementary school, and 35% who have finished secondary school. Only 40% of the total respondents are educated above the secondary level, with 20% of the respondents possibly having a college degree.

Sixty-five per cent of the registrants are married, while the remaining 35 per cent are single.

At the 5% level of significance, it is discovered that the chi-square value of 28.46 is higher than the table value of 7.815, indicating a strong relationship between age group and the issue of adolescent self-employment. As a result, the null hypothesis is disproved. The plurality (37%) of respondents are between 31 and 40.

The table shows the value of  $\chi^2$  for 5 degrees of freedom, or  $(n-1) = (6-1)$  degrees of freedom, at the 5% level of seriousness is 11.071, it should be noted.

There is a considerable correlation between schooling and the unemployment issue in the national Skill India development project, as indicated by the comparison of the chi-square value of 65.2, which is more than the table value of 11.071 at the 5% significance level. As a result, the null hypothesis is disproved. The plurality (37%) of respondents are between 31 and 40.

It is evident that, at the 5% level, the chi-value (1.66) is lower than the table value (3.841), indicating no correlation between gender and the issue of youth unemployment and self-employment. The null hypothesis is, therefore, accepted. At the 5% level of significance and degree of freedom 1, it is obvious that there is a substantial correlation between marital status and the issue of teenage unemployment and self-employment. The estimated chi-square value (5.4) exceeds the table value (3.841). So, the hypothesis is disproven.

## 6. Future Scope

- a) Continuous examination: A continuous examination of the influence of training and development programs on employee productivity and organizational achievement would be beneficial. Scientists can analyze long-term consequences



and discover any shifts or upward trends in profitability and achievement by documenting and assessing results over time.

- b) The term cross-cultural Comparative: Enhancing the study to involve a cross-cultural examination of the results of programs for training and development can aid in determining the influence of cultural factors on staff efficiency and organizational performance. Such a comparison helps us comprehend how such programs can be adjusted to diverse situations of culture.
- c) Technologies Integration refers to Alongside fast technological breakthroughs; it will be helpful to study innovation's role in education and growth programs. Other research might look into the efficacy of integrating technology-based tools, such as augmented reality simulations or A.I. educational sites, to boost staff efficiency and company results.
- d) Individual Variances: Investigating the impact of unique characteristics on the achievement of developmental and training programmes, such as personalities, approaches to learning, and prior knowledge, could result in a more personalized perspective. Considering how these distinctive traits react to education programmes can aid in developing focused programmes that increase staff effectiveness and organizational performance.
- e) Distant Employment's The effect: The COVID-19 epidemic has accelerated the widespread implementation of remote work practices. It is critical to investigate the effect of working remotely on the success of programmes for education and training. The next study might examine how webinars, remote guidance, and distance learning technologies influence staff efficiency on organizational outcomes in a remote work context.
- f) Benefit-cost assessment: The company's full cost-benefit assessment of programmes for development and training might prove beneficial.
- g) Teamwork and Enthusiasm: It is of the utmost importance that you recognize the role of staff involvement and inspiration in determining the efficacy of

development and training initiatives. Future research should look into the way various motivators, such as incentives, praise, and job growth possibilities, influence instructional strategies to boost production and add to organizational efficiency.

- h) Effectiveness on certain Enterprises or Sector: Doing targeted research on the influence of training and development programmes in specific sectors or sectors can offer context-specific knowledge. Reviewing how these initiatives influence efficiency and achievement in companies such as medical care, I.T., or factories might provide particular to the industry techniques alongside guidelines.
- i) Leadership Formation Programmes: Another prospect for investigation is to look at the impact of leadership development programmes on employee output and organizational performance. Organizations may develop efficient management instruction by knowing leaders' key traits and abilities that promote success and efficiency.
- j) Worker Well-being, notably Life at Work Equilibrium: An emerging study area examines the correlation between training and development programmes, staff happiness, and balancing work and life. Later studies might look into ways these programmes can be developed to boost worker happiness, eliminate tension, and improve work-life balance, significantly benefiting creativity and company profitability.

## 7. The Conclusion

The research presented in this article provides solid proof demonstrating that learning and growth programmes improve worker efficiency and organizational performance. The data constantly emphasizes the advantageous effects of establishing broad educational initiatives, revealing an essential connection between worker efficiency and programme execution.

According to the report, organizations prioritizing education and advancement saw increased worker efficiency. Furthermore, excellent retention of staff members, happier

clients, and improved financial performance were proven to impact overall company performance significantly.

The study highlighted direct practical instruction, guidance, and mentoring services as highly helpful in boosting staff productivity and improving skills by assessing various education and growth methods. This information is helpful for organizations looking to improve their instructional programs.

The investigation additionally emphasized many essential components required for the effectiveness of programs for training and growth. Executive encouragement, open discussion of training plans, alignment of organizational goals, regular evaluation and feedback procedures, and chances of use of skills are among these aspects.

Additionally, the research looked into the connection among staff inspiration, participation, and the efficacy of programs for education and training. According to the findings, driven and involved individuals were inclined to be involved in training programs and utilize newly gained abilities at work. This link emphasizes creating a happy work environment and encouraging employee involvement to maximize the impact of education and growth activities.

Aside from the results that were indicated above, the study's report provided some light on the lasting effects of programs for training and growth.

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