

Investigating Scholarly Trends in Economics, English Literature, Environmental Science, and Mathematics.

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Abstract: *Skill development is just as important as regular education in Indian schools. No matter if you're in primary, secondary, or higher secondary school, getting better at work skills helps make more productive workers. To help young people get better jobs, we need to check how schools and polytechnic institutes are teaching these skills. This paper looks at how schools and colleges are teaching skills, how well it's working, and what we can do to make it better.*

Keywords: Skill education, industrial skills, productive human resource, infrastructure evaluation

I. INTRODUCTION

Skill building is like a tool that helps people become more effective at their jobs, which in turn boosts overall production. It's a crucial part of pushing the boundaries of what we can produce and making the economy grow faster. But it's not just about work - learning new skills also makes individuals more valuable and accepted in society.

In India, there's a big focus on skill building because of some unique factors. One big factor is the changing population. As birth rates go down and people live longer, there's a smaller percentage of the population that's too young or too old to work. This means there are more people in the prime working age, which can give India a cost advantage compared to other countries. In fact, India has one of the youngest workforces in the world. At the same time, there's a global shortage of skilled workers. By 2025, the world is expected to need around **85 million** more skilled workers. So, India has a great opportunity to not only boost its own economy but also to supply skilled workers to other countries.

Skill development is a critical aspect of ensuring economic growth and competitiveness in India, particularly in a dynamic city like Mumbai. With its diverse population and thriving economy, Mumbai serves as a microcosm of the country's challenges and opportunities in skill development. This case study aims to delve into the strategies and initiatives undertaken by schools and colleges in Mumbai to foster skill development among students. Mumbai's educational landscape reflects both traditional academic pursuits and an increasing emphasis on practical skills and vocational training. **Understanding the approaches adopted by educational institutions in Mumbai can provide valuable insights into the broader efforts to address India's skill gap.** The study will explore the role of government policies, industry collaborations, and innovative teaching methodologies in enhancing skill development outcomes. By examining specific programs and initiatives implemented in Mumbai, we can assess their effectiveness and identify best practices for replication in other regions. Furthermore, analyzing the challenges encountered by schools and colleges in Mumbai sheds light on systemic issues that need to be addressed at a national level.

Ultimately, the findings of this case study can inform **policymakers, educators, and stakeholders about the strategies** needed to build a skilled workforce capable of driving India's socio-economic progress. Through a comprehensive examination of skill development efforts in Mumbai's educational institutions, this study seeks to contribute to the broader discourse on fostering human capital for sustainable development in India.

II. RESEARCH METHODOLOGY

In this research, the methodology section outlines the procedures used for conducting the study, including the collection of primary data from individuals. The **primary data collection** method utilized is surveys, specifically conducted through **Google Forms questionnaires**, with input gathered from both students and teachers to gather their educational viewpoints.

2.1 Objectives:

Investigate the implementation of government policies specifically related to skill development within schools and colleges in Mumbai.

Examine the utilization and effectiveness of government schemes designed for skill development within the educational institutions of Mumbai

2.2 Hypothesis

Mumbai schools and colleges emphasizing practical skills alongside academics will produce more employable graduates than those focusing only on academics.

Better infrastructure and resources for skill development in Mumbai's educational institutions will lead to students seeing these programs as more effective for improving their job prospects

2.3 Limitations of the study

This study has been conducted purely to understand the students and teachers view with Skill Development programs This study is only limited about the programs in schools and colleges .

In this study we only got responses from few Schools and colleges and not all institutes from the Mumbai region.

III. DATA ANALYSIS

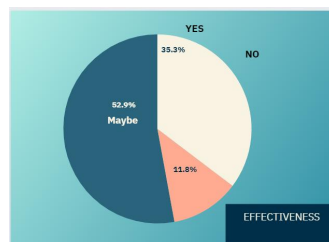
Data analysis in this research involves examining the collected survey responses transcripts from students and teachers in Mumbai's schools and colleges. This includes identifying patterns, trends, and correlations to gain insights into the implementation of government policies, effectiveness of skill development schemes, alignment with objectives, and challenges faced in skill development within the educational context of Mumbai .

FOLLOWING ARE THE DATA OF THE SCHOOL/COLLEGE STUDENTS AND TEACHER

The I Institutes are starting with providing students with skill development programs as the government are providing various schemes and seminars to then via NGOs ,Trustees and various instruments .

Sample size : 60 Respondents

Pie chart 3.1 – EFFECTIVESS OF THE SKILL DEVELOPMENT PROGRAMS



(Source: Survey)

- 1) STUDENTS FROM 10 DIFFERENT SCHOOLS AND COLLEGES HAVE RESPONDED
- 2) SKILL PROGRAM SUCH AS PYTHON, EXCEL, SEMINARS, CAREER COUNCELLING, DEBATE CLUB, CODING, SPORTS PRESENTATIONS SKILL PROGRAMS HAVE MENTIONED BY THE PARTICIPANTS

IV. FINDINGS & CONCLUSIONS

In conclusion, addressing skill development in schools and colleges in Mumbai is crucial for preparing students to thrive in a rapidly evolving world. By implementing practical workshops, fostering industry collaborations, emphasizing soft skills training, offering vocational programs, providing comprehensive career counseling, integrating technology, utilizing a multidisciplinary approach, and engaging in community initiatives, educational institutions can empower students with a diverse skill set tailored to meet the demands of the modern workforce. Through these concerted efforts, schools and colleges in Mumbai can play a pivotal role in equipping students with the necessary tools and competencies to succeed in their future endeavors and contribute meaningfully to society.

In addition to the aforementioned strategies, it's imperative for schools and colleges in Mumbai to continually adapt and innovate in their approach to skill development. Embracing emerging trends in technology, entrepreneurship, and globalization will be key to ensuring that students are equipped to thrive in a rapidly changing landscape. Furthermore, fostering a culture of lifelong learning and resilience will empower students to navigate challenges and seize opportunities throughout their personal and professional lives.

V. SUGGESTIONS & RECOMMENDATIONS

1. **Practical Workshops:** Integrate practical workshops into the curriculum to provide hands-on experience in various skills such as coding, robotics, electronics, culinary arts, etc.
2. **Industry Collaboration:** Foster partnerships with local industries to offer internships, apprenticeships, and real-world projects, allowing students to gain practical skills and industry exposure.
3. **Soft Skills Training:** Incorporate modules for soft skills development including communication, teamwork, problem-solving, and leadership, essential for professional success.

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