A Study on Impact of Traditional and Modern Training Methods on Individual Development

Kashetty Sneha
MBA Student

B.N. Sivakumar
Professor, NSB Academy, Bangalore, Karnataka, India

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Abstract

This study explores the comparative effects of conventional and contemporary training techniques on personal development across different industries, such as IT, education, finance, and healthcare. With technological advancements reconfiguring learning spaces, organisations are confronted with the challenge of embracing training methodologies that not only establish employee competencies but also resonate with changing workplace needs. The main objective of this study was to assess how various training modalities, such as classroom training, workshops, e-learning, simulation, and virtual reality, influence individual performance, skill acquisition, motivation, and career development. This study utilised a descriptive research design by applying percentage analysis and correlation tools to analyse data gathered via structured questionnaires. This study identifies traditional and modern methods, preferences, accessibility, support systems, and perceived effectiveness, as well as investigates the potential of blended approaches. Observations indicate that although conventional practices provide strong interpersonal interaction and immediate feedback, contemporary practices are flexible, scalable and individualised. The hybrid training model was found to be the best for meeting varied learning requirements. This study contributes to the field of institutional strategy and policy-making by providing practical recommendations for HR professionals, trainers and education administrators. This calls for the implementation of adaptive, inclusive, and innovative training programs that develop lifelong learning, employee satisfaction, and organisational success in a digital-first economy. Future studies can extend the present research by using larger and mixed samples from various industries, employing sophisticated statistical methods, and studying the long-term effects of mixed training methods on employee performance and career advancement.

Keywords: Individual Development, Skill Development, Blended Learning, Training Effectiveness, Employee Performance, Professional Development.

Introduction

Background of the Study

In the fast-changing working environment of our time, organisations are under mounting pressure to improve employees' abilities, increase productivity, and remain competitive. Effective training is among the most important drivers of personal and organizational success. Classical training approaches, such as classroom training, workshops, seminars, on-the-job training, and mentoring, have been imperative for employee improvement. These techniques focus on face-to-face human interaction, experiential learning, and immediate feedback, which are essential for building technical and soft skills, such as communication, leadership, and collaboration. With the arrival of digital technologies and shifting workforce needs, contemporary training techniques have emerged. E-learning sites, virtual simulations, gamification, mobile learning, and AI-enabled training solutions provide flexibility, convenience, and customisation. These methods allow employees to learn at their own pace, anytime and anywhere, making them particularly relevant in today's global and remote work environments. As organizations adopt hybrid work models and digital transformation becomes inevitable, the need to assess the effectiveness of these modern approaches compared to traditional ones has become essential.

While previous research has examined the strengths of either traditional or contemporary training methods, few studies have considered how an integrated approach affects individual development in various industries in India. This deficit emphasises the importance of assessing not only the efficacy of each method but also how the integration of the two methods yields synergies.

This study investigates and assesses how traditional and contemporary training approaches contribute to personal growth within organisations. It examines their influence on retention of knowledge, acquisition of skills, motivation, and general job performance. In addition, it investigates the needs of employees and the viability of hybrid learning models that integrate the best aspects of both approaches to deliver an integrated training experience. It is important to comprehend these dynamics to develop training programs that are not only effective but also tailored to the varied learning requirements of employees.

The conclusions drawn from this research are likely to be of great benefit to human resource practitioners, training institutions, and organisational decision-makers. By examining the strengths and weaknesses of different training approaches, this study will assist in the development of flexible and effective learning plans that foster ongoing professional education, enhance staff satisfaction, and facilitate long-term organisational development within a highly digitalised world.

Objectives

1. To study the efficiency of conventional instructional methodologies (for example, in-class courses and combined workshops) in developing skills.
2. To assess the impact of newly introduced training methods, such as e-learning, virtual reality, and simulations, on enhancing learning achievement.
3. To explore how the use of different training techniques influences the output and results of employees.
4. To determine how much learners enjoy and benefit from training methods.

Research Questions

1) Which type of training method do you prefer?
   - Traditional methods (e.g., classroom training, seminars)
   - Modern methods (e.g., e-learning, VR, mobile learning)
   - A combination of both
   - None

2) Is the traditional training method effectively improving the skills and knowledge
   - Strongly disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly agree

3) In your opinion, do traditional training methods offer more networking opportunities and personal interactions than modern methods?
   - Strongly disagree
   - Disagree
   - Neutral
   - agree
   - strongly agree

4) Is the modern training method effectively improving the skills and knowledge
   - Strongly disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly agree

Review of Literature

According to **McGarr (2009)**, podcasts are convenient and flexible, thus suitable for learners with tight schedules or those who travel long distances. This new technique is especially effective for audio learners and for explaining theoretical topics. Although podcasts can present information well, they might not include the interactive components of other training techniques and may not be the best medium for intricate, hands-on activities.

According to **Radianti et al. (2020),** augmented reality (AR) enriches real-world education by projecting digital content onto the physical realm. AR presents distinct benefits in education, retail, and engineering by offering learners real-time, interactive sessions. For instance, medical students may engage

with virtual anatomy models, or engineers may superimpose design specifications on actual objects. This experiential approach enhances comprehension and memory. However, the use of AR is costly and requires specialised equipment.

As shown in a previous study (**Dietrich and Evans, 2022)**, conventional lectures, traditionally viewed as teacher-focused, still have a place in education if properly incorporated into student-focused course design. Their tertiary mathematics education case study demonstrated how conventional instruction could be adapted to maximise learning environments based on cognitive science principles.

According to this article **(Mohan & Kulkarni, 2023)**, a study was performed on Virtual Reality (VR) training modules in healthcare. The results showed that VR-based simulations substantially enhanced skill acquisition among nursing students, especially in procedures that are difficult to simulate in conventional settings. The study highlighted that immersive experiences narrow the gap between theory and practice more suitably than lectures.

The article Influence of Continuous Learning Culture **(Fernandez & Shah, 2024)** emphasised the importance of instilling a culture of continuous learning using both classical and online training modules. Their three-year longitudinal study proved that organisations that encourage lifelong learning experience greater employee agility and creativity.

According to this article **(Martinez & Wong,2024)**, the use of AI-driven virtual coaching software has been explored in corporate training. They found that AI coaches offer customised feedback and adaptive goal-setting, which enhances learner engagement and skill acquisition by 25%, particularly in leadership development programmes.

As shown in the article, Impact of Continuous Learning Culture **(Fernandez & Shah, 2024),** emphasises the importance of developing a culture of ongoing learning through conventional and online training programs. Through their longitudinal study, they proved that organisations supporting lifelong learning experience greater employee adaptability and innovation over three years.

According to this article **(Hassan & Clark, 2025)**, big data analytics can be used to develop personalised learning journeys. The authors reported that processing large volumes of learner data enabled trainers to identify knowledge gaps and suggest targeted content, resulting in a 20% increase in individualised performance metrics compared to standard programs.

According to the article, the efficiency of the Conventional Teaching Approach **(Chen, 2025)** contrasts conventional teaching methods, which are centred on knowledge delivery and memorisation, with contemporary approaches that stress student-centred learning and the use of technology. The study concludes that an equilibrium strategy that combines both methodologies leads to maximum output by satisfying diverse learning needs and encouraging critical thinking and imagination.

Key Takeaways from the Literature Review

Efficacy of Blended Learning Techniques

Numerous studies (e.g., Chen, 2025; Fernandez & Shah, 2024) indicate that the blend of conventional and contemporary training mechanisms—commonly known as blended learning—provides more effective results. Blended learning utilizes the process-oriented and people-oriented advantages of conventional approaches with the scalability and freedom of contemporary digital software.

Customisation and Learner Engagement: Studies (for example Martinez and Wong (2024) and Baker and Inventado (2014) indicate that contemporary training approaches using AI, gamification, and simulations promote learner engagement and motivation. These technologies enable tailored learning paths, which are particularly effective in maximising individual performance and satisfaction.

Skill Development and Retention: Though long-standing practices such as on-the-job training and mentoring remain strong in building applied and soft skills (Noe, 2013; De Haan et al., 2016), contemporary approaches such as e-learning and VR have been shown to enhance knowledge retention, flexibility, and decision-making (Mohan & Kulkarni, 2023; Freeman et al., 2017), especially in technical or work-from-home environments.

Research Methodology

Research Design

The research design employed in this study was comparative and descriptive. A descriptive design was adopted to systematically observe and document the traits and tastes of people for traditional and modern training methods. The comparative analysis enables a comparison of the differences in the effectiveness and results of both types of training. This study employed a structured questionnaire to gather primary data from respondents from diverse industries. Statistical measures, such as percentage and correlation analyses, were used to analyse the data. This design is suitable for determining trends, making comparisons, and ascertaining the relationship between training techniques and personal growth results in real-life scenarios.

Data Collection Methods

The research is based mainly on primary data collection using a structured questionnaire given to employees working in various sectors, including IT, education, healthcare, finance, and manufacturing. The questionnaire comprised closed-ended questions and questions with Likert scales to collect data on training preference, effectiveness, learning outcomes, and level of engagement. Respondents were chosen using convenience sampling, such that there was diversity in the participants from various job posts and experience levels. Secondary data from academic journals, prior research, and Internet-based databases were also consulted to validate the theoretical framework and cross-reference the findings.

Analytical Techniques Used in the Study

This study utilised descriptive statistical methods, such as percentage analysis, to condense and interpret the data gathered from respondents. It also utilises correlation analysis to test the relationship between the training method type (conventional or contemporary) and its effect on personal development variables, such as skill improvement, motivation, and workplace performance. These methods assist in highlighting trends and making insightful inferences from the dataset.

Limitations of the Study

Limited Sample Size and Scope: The analysis is predicated on the feedback from a limited segment of participants, which is mostly within a specific industry or area, and may not be representative of the overall workforce or every industry.

Subjective Bias: As the data were derived from self-reported surveys, answers could be based on personal views, biases, or incomplete knowledge of training methodologies.

Technological Awareness and Access: The respondents will have varying levels of awareness and access to new training tools, such as virtual reality or AI-based platforms, which will impact their capacity to rigorously assess or compare them to conventional approaches.

Importance of the Study

This research is particularly valuable for learning how various training methods—conventional, contemporary, or combined—affect the personal growth of employees in the current dynamic work environment. By examining the effectiveness of each method in developing competencies, motivation, and work performance, this study offers useful information for HR practitioners, training managers, and organizational leaders. It assists organisations in creating more flexible and inclusive training programs that accommodate varying learning styles and levels of technical preparedness of the employees. In addition, the results help advance the ultimate aim of creating a culture of continuous learning that sustains professional development, staff satisfaction, and sustained organizational performance in the age of technological revolution.

Scope of the Study

This study focuses on analysing the influence of conventional and contemporary training techniques on personal growth in different industries, such as IT, education, healthcare, finance, and manufacturing. It addresses important factors such as skill improvement, motivation, accessibility, cooperation, and learning performance. This research focuses on working professionals and trainees who have undergone either or both forms of training. It seeks to discover the strengths and weaknesses of each

strategy and examine the possible advantages of hybrid learning models. The findings will enable organisations to craft better, inclusive, and future-forward training schemes in line with employee requirements and sectoral demands.

Findings

Preference for Blended Training

Most respondents preferred a blended training method that combines traditional and contemporary methods to enhance learning experiences.

Effectiveness of Traditional Methods

Traditional methods have proven effective in enhancing interpersonal skills, such as communication, collaboration, and teamwork. Learners valued real-time feedback and individual interaction in traditional settings.

Effectiveness of Modern Methods

Contemporary training methods, such as e-learning and virtual simulations, are popular because of their flexibility and accessibility. Participants indicated that these techniques were useful for improving technical and job-related skills.

Skill Development

Traditional and contemporary methods have helped develop technical, communication, and problem-solving skills. This combination leads to greater motivation and improved knowledge retention.

Support and Collaboration

Support from peers and trainers was perceived to be more robust in traditional environments than in virtual environments. Contemporary tools promote greater independent learning but sometimes lack personal interaction.

Discussion

Blended Learning is the Future

The blend of conventional face-to-face interaction and technology satisfies varied learning styles and guarantees holistic growth of students.

Flexibility vs. Engagement

Although contemporary approaches provide increased flexibility and scalability, they must be combined with interpersonal factors to sustain the involvement of learners.

Training must be contextualised

The most appropriate training approach depends on the industry, job function, and learning requirements. For instance, healthcare workers might find simulations more useful, whereas soft skills training might require face-to-face contact.

Technology as an Enabler

Technology tools, if integrated with learning goals, increase effectiveness, particularly in remote or worldwide work settings.

Data analysis and Interpretation

Criteria	Category	Frequency	Percentage
Age	18-25 26-30 30-40 Above 40	63 17 13 7	63% 17% 13% 7%
Gender	Female Male Prefer not to say	68 30 2	68% 30% 2%
Education	Post graduate	Highest	-
Work Experience	<1year	Majority	-
Industry	Education Finance IT/Software Others (Health, Manufacturing, etc.)	30 24 22 24	30% 24% 22% 24%

Interpretation

Most respondents were young (18–25), female postgraduates with less than a year of work experience, primarily from education, finance, and IT. This is representative of a sample of early career individuals who are open to training and development. Their views are representative of a tech-literate, growth-oriented generation. Demographic diversity enhances the study of the effectiveness of training methods.

Training Participation and Preferences

Question	Option	Respondents	Percentage
Participated in formal training	Yes No	67 33	67% 33%
Preferred training method	Traditional Modern Blended None	30 23 46 1	30% 23% 46% 1%
Recommended method to peers	Traditional Modern	61 39	61% 39%
Support for blended learning	Yes No Maybe	53 16 31	53% 16% 31%

Interpretation

Most respondents (67%) had undergone formal training, reflecting positive exposure to learning modules. When asked to choose their preference, blended training methods (a mix of conventional and contemporary methods) were most preferred (46%), followed by conventional (30%) and contemporary (23%) methods. Surprisingly, 61% of respondents preferred conventional training over their colleagues, reflecting their confidence in systematic, face-to-face learning environments. Nonetheless, 53% also favoured hybrid learning in the future, indicating an increasing interest in flexible, hybrid configurations. This information shows a clear trend toward adaptive and balanced training methods that satisfy the need for structure and convenience in training.

Effectiveness of Traditional Training Methods

Question	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Traditional training improves skills and knowledge	10	8	16	37	29
Support from peers/instructors during traditional training	7	12	18	32	31
Learning is more accessible and flexible via traditional training	5	7	23	37	28
Traditional training supports collaborative learning more effectively	6	8	23	33	30
Traditional methods offer a personal connection with instructors	4	10	22	38	26
Learning outcomes (technical, communication, problem-solving) are better with traditional methods	5	9	15	49	22
Traditional methods offer more networking opportunities	6	5	25	32	32

Interpretation

Most respondents strongly agreed or agreed that traditional training strongly enhances skills and knowledge (66%), offers peer/instructor support (63%), and facilitates collaborative learning (63%). More importantly, 70% of the students believed that it produced strong learning outcomes, and 64% believed that it fostered personal connections with instructors. Although a minority of respondents indicated neutral or disagreed, the general trend evidently testifies to the value and relevance of traditional training, particularly for hands-on learning, communication, and interpersonal skills.

Effectiveness of Modern Training Methods

Question	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Modern training improves skills and knowledge	10	18	26	24	22
More accessible and flexible through modern training	6	17	26	29	22
Support from peers/instructors during modern training	7	11	28	31	23
As effective as traditional training for skill development	6	15	26	34	19
More accessible for different learning styles	11	9	24	35	21
Learning outcomes are achieved more effectively through modern training	6	13	24	35	22

Interpretation

Contemporary training styles are valued for their ease, availability, and favourability to multiple learning styles. More than 50% of respondents confirmed that they effectively enhanced their abilities and provided learning results. However, many were neutral, suggesting mixed feedback. Minimal peer and teacher interactions were rated as major disadvantages.

Correlation Analysis

	Traditional Methods	Modern Methods
Traditional Methods	1.000	0.533
Modern Methods	0.533	1.000

A correlation coefficient of **0.533** was found between the traditional and modern methods, indicating a **moderate positive relationship**.

Interpretation

According to the correlation values provided:

- Traditional Methods vs. Traditional Methods: The correlation is 1. This is expected because a variable is always perfectly correlated with itself. It does not provide any information regarding the relationship between traditional and modern methods.
- Modern Methods vs. Training Methods: The correlation is 0.533214762. This is a positive correlation between the employment of modern training methods and traditional training methods within the context of individual development. A positive correlation of 0.533 indicates that individuals or circumstances in which traditional training is more common tend to have a slightly higher rate of modern training methods, and vice versa.

Insights Derived from the Analysis

1. Blended learning is the most favoured approach (46%) among respondents, reflecting a heightened requirement for flexible, hybrid training methodologies that combine the strengths of both conventional and contemporary methods.
2. Most (67%) had received formal training, confirming strong awareness and exposure to formal learning settings among the respondents.
3. Traditional learning remains widely esteemed, with 61% of the group recommending it to others and more than 65% of the group ensuring that it develops skills, provides collaboration, and enhances learning outcomes.
4. Contemporary training approaches are valued for their adaptability and convenience but have garnered diverging views on engagement and skill development efficacy.
5. Instructor support and personal interaction are viewed as being more robust in traditional processes, commending the role of human contact in learning.
6. Demographic profiles indicate that most

respondents are recent postgraduates with minimal experience and thus have valuable perspectives for informing training for early career professionals.
7. The correlation between classic and contemporary training preferences indicates that students view them as complementary rather than competing, further supporting the argument for an integrated approach to training.
8. Despite the digital transformation, networking and soft skills training are regarded as more effective through conventional means, underlining their ongoing relevance in employee development initiatives.

Suggestions

1. Implement a blended learning strategy through the integration of conventional and contemporary methods to accommodate varied learning styles and affinities.
2. Maximise interactivity in contemporary training with virtual simulations, real-time sessions, and forums to enhance participation and engagement.
3. Offer training in self-discipline and computer literacy to prepare learners for independent online work.
4. Provide firm instructor and peer support for both conventional and online deliveries to ensure continued motivation and collaboration.
5. Tailor training content according to the learner's experience level, industry, and role to enhance relevance and learning outcomes.
6. Regularly update digital training content to accommodate evolving technologies and industry trends.
7. Learning analytics and feedback tools should be utilised to monitor progress, detect gaps, and customise learning experiences.
8. Facilitate soft skill acquisition through conventional means, such as mentoring, group discussions, and role-playing.

Patterns and relationships

1. Hybrid training methods are most favoured, showing that learners get more value when ancient and contemporary methods are blended, as opposed to being applied separately.
2. A moderate positive correlation (0.533) between ancient and contemporary methods shows that those who like one method tend to like the other too, validating the success of hybrid learning.
3. Respondents associated instructor/peer support with improved learning results, with the aspect that social interaction is essential in both conventional and contemporary training.

Conclusion

It has been seen in this research that both conventional and contemporary training techniques are equally important for individual growth, each having distinctive advantages. Conventional training is highly valued for its ability to develop interpersonal relationships, promote teamwork, and offer direct support from teachers and peers. Conversely, contemporary training was appreciated for its flexibility, accessibility, and responsiveness to different learning styles, particularly among younger learners. Nonetheless, the studies categorically show that neither approach alone can adequately satisfy all learning needs efficiently.

The results indicate that a hybrid learning strategy—balancing the formality and human contact of traditional training with the flexibility and advancement of current technology—provides the best performance outcomes. As training develops in the rapid and online workplace of today, organisations need to focus on hybrid models that encourage technical skill competency as well as human relationships. Such an integrated strategy will not only deliver individual performance but also drive long-term employee engagement and organizational development.

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Author Details
Kashetty Sneha, *MBA Student*

Dr. B.N. Sivakumar, *Professor, NSB Academy, Bangalore, Karnataka, India*