International Journal of Academic Management Science Research (IJAMSR)
ISSN: 2643-900X
Vol. 9 Issue 5 May - 2025, Pages: 43-51

Entrepreneurship Development Programs as a Catalyst for Job Creation: Evaluating Business Training Initiatives in Nigeria

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Abstract: *This study evaluates the role of EDPs in reducing unemployment through a business administration lens, focusing on three objectives: assessing program effectiveness, identifying systemic barriers, and proposing reforms. A mixed-methods sequential explanatory design was employed, combining quantitative surveys of 1,200 EDP participants across Nigeria's six geopolitical zones with qualitative interviews of 30 stakeholders (policymakers, trainers, and entrepreneurs). Quantitative analysis revealed mixed outcomes: only 29% of ventures survived beyond three years, with an average of 1.2 jobs created per enterprise, while qualitative data highlighted gender disparities (40% female participation), infrastructural deficits (63% rural power shortages), and cultural stigma against business failure. The study identifies curriculum misalignment with market needs and fragmented policy coordination as critical limitations. Recommendations include sector-specific training modules in renewable energy and fintech, gender-responsive reforms (e.g., collateral alternatives for women), and public-private partnerships to address infrastructural gaps. The integration of lean startup methodologies in a pilot program boosted business survival rates by 45%, underscoring the value of adaptive, iterative training. This research contributes actionable strategies for aligning EDPs with Nigeria's socioeconomic realities, emphasizing stakeholder collaboration and digital literacy to harness the nation's demographic dividend. Policymakers must prioritize monitoring frameworks to track long-term job quality and inclusivity.*

Keywords: Nigeria's unemployment, entrepreneurship development programs, mixed-methods analysis, gender disparities, business administration frameworks.

Introduction

Nigeria's unemployment crisis, which reached a historic peak of 33.3% in 2023, underscores systemic failures in aligning labor supply with economic opportunities in Africa's most populous nation (National Bureau of Statistics [NBS], 2023). With over 70 million youths and a median age of 18.4 years, the economy's incapacity to absorb new labor market entrants has exacerbated poverty, insecurity, and irregular migration (World Bank, 2022). Structural impediments such as infrastructural decay, overdependence on oil revenues, and a skills mismatch plague the labor market, but policymakers increasingly view entrepreneurship development programs (EDPs) as a panacea for job creation. These programs, which train individuals in business planning, financial management, and innovation, are predicated on the assumption that fostering self-employment and SME growth can mitigate unemployment (Adebayo & Okafor, 2021; Anekwe et al., 2018). However, despite significant investments in initiatives like the National Directorate of Employment (NDE) and the Tony Elumelu Foundation Entrepreneurship Programme (TEFEP), Nigeria's unemployment rate continues to rise, raising critical questions about the efficacy of EDPs. This study evaluates the role of business training initiatives in catalyzing job creation, probing their alignment with Nigeria's socioeconomic context and the lived experiences of participants. By synthesizing insights from business administration, human capital theory, and development economics, the research identifies gaps in program design and proposes actionable reforms to enhance their impact.

The theoretical underpinning of entrepreneurship as an economic development tool derives from Schultz's (1961) human capital theory, which asserts that education and skills training amplify individual productivity and collective prosperity. Contemporary scholars like Shane (2003) extend this logic, framing entrepreneurship as a process of "opportunity identification and exploitation," particularly in resource-constrained economies. In Nigeria, this paradigm has driven policies such as the Youth Entrepreneurship Support (YES) program and the Bank of Industry (BOI) youth initiatives, which aim to equip over 500,000 Nigerians annually with business skills (Federal Ministry of Youth and Sports Development, 2021). Yet, empirical evidence of their success remains sparse. For instance, a World Bank (2023) evaluation found that only 28% of Nigerian EDP participants transitioned to self-employment, compared to 52% in Kenya's Youth Enterprise Development Fund. Similarly, Oyelaran-Oyeyinka (2022) attributes low entrepreneurial sustainability to systemic issues such as gender disparities, inadequate post-training financing, and curricula misaligned with market needs. These findings highlight a disconnect between policy intentions and outcomes, necessitating a granular examination of how business administration principles such as stakeholder collaboration, resource optimization, and adaptive leadership can strengthen EDP frameworks.

Existing literature on Nigerian EDPs has predominantly focused on macroeconomic outcomes, neglecting microlevel analyses of implementation barriers. For example, Udoh and Ezeh (2020) critique the dominance of theoretical pedagogy in programs like NDE but overlook contextual factors such as cultural aversion to risk, limited digital infrastructure, and urban-rural disparities in program access. Furthermore, while comparative studies of Kenya's public-private partnership models (Chege et al., 2023) and India's Skill India Mission (Kapoor & Sharma, 2022) emphasize the importance of post-training mentorship and industry-aligned curricula, Nigerian programs often lack such synergies. A 2023 African Development Bank report revealed that less than 15% of Nigerian EDPs collaborate with private sector firms to tailor training to emerging sectors like renewable energy and e-commerce (African Development Bank Group, 2023). This misalignment perpetuates skill gaps, leaving graduates unprepared for evolving market demands. Crucially, the absence of longitudinal data on participants' post-training trajectories obscures understanding of how EDPs influence long-term job creation. This study addresses these gaps by adopting a mixed-methods approach to evaluate both immediate training outcomes and the durability of entrepreneurial ventures over time.

The objectives of this study are threefold: first, to assess the effectiveness of Nigeria's EDPs in fostering job creation through business training, mentorship, and post-program support; second, to identify systemic barriers such as gender inequity, funding constraints, and infrastructural deficits that hinder program success; and third, to propose evidence-based strategies for aligning EDPs with Nigeria's labor market realities. By integrating business administration frameworks such as strategic resource allocation, stakeholder theory, and lean startup methodologies this research bridges the gap between academic discourse and practical policymaking.

This study's significance lies in its potential to inform Nigeria's National Development Plan (2021–2025) and the African Union's Agenda 2063, both of which prioritize youth employment and SME growth. Academically, it advances human capital theory by elucidating how contextual factors mediate the relationship between entrepreneurship training and job creation in developing economies. Practically, it offers policymakers a blueprint for redesigning EDPs through needs assessments, robust monitoring and evaluation (M&E) systems, and public-private partnerships. As Nigeria's population is projected to double by 2050, refining entrepreneurship ecosystems is not merely an economic priority but a demographic imperative.

Literature Review

Theoretical Foundations: Human Capital, Institutional Gaps, and Digital Transformation

The persistent unemployment crisis in Nigeria, juxtaposed against its demographic dividend of a youthful population, has positioned entrepreneurship development programs (EDPs) at the forefront of national policy discourse. With unemployment rates soaring to 33.3% in 2023 and youth unemployment exceeding 50%, the failure of traditional job creation models has necessitated a paradigm shift toward entrepreneurial capacity-building (National Bureau of Statistics [NBS], 2023). While EDPs are widely touted as catalysts for job creation, their efficacy in Nigeria remains contested, marred by structural inefficiencies, cultural barriers, and misalignment with market realities. This review critically examines the theoretical underpinnings, empirical outcomes, and systemic challenges of Nigeria's EDP ecosystem, drawing insights from global benchmarks in business administration and development economics. The conceptualization of entrepreneurship as a driver of economic growth is rooted in human capital theory, which posits that investments in education and skills training enhance individual productivity and collective prosperity (Schultz, 1961). Schultz's framework has been adapted to entrepreneurship studies, emphasizing business acumen as a critical component of human capital. However, contemporary critiques argue that human capital theory inadequately addresses structural inequities in resource-constrained economies like Nigeria. For instance, Shane and Venkataraman's (2000) *opportunity recognition theory* posits that entrepreneurship emerges at the intersection of individual agency and market conditions, requiring not only skills but also access to networks, finance, and institutional support. In Nigeria, where 65% of employment is informal, the absence of formal safety nets amplifies the risks of entrepreneurial ventures, rendering human capital investments insufficient without complementary institutional frameworks (World Bank, 2023).

Institutional theory offers a counterpoint to human capital orthodoxy by highlighting how regulatory environments and cultural norms shape entrepreneurial behavior. North (1991) defines institutions as "the rules of the game" that govern economic interactions, arguing that weak institutions such as Nigeria's opaque property rights regime and inefficient judiciary heighten transaction costs and deter formal entrepreneurship. This aligns with empirical findings from Adebayo and Okafor (2021), who note that 68% of Nigerian entrepreneurs operate informally to avoid bureaucratic bottlenecks. Similarly, Sarasvathy's (2001) *effectuation theory* challenges the linear logic of human capital models by emphasizing iterative, resource-driven decision-making. Effectuation posits that entrepreneurs in uncertain environments "co-create" opportunities through partnerships and incremental experimentation rather than relying on pre-existing plans. In Nigeria's volatile economy, where inflation reached 27.3% in 2023 (NBS, 2023), effectuation principles could recalibrate EDP pedagogy to prioritize adaptability over rigid business planning. The Fourth Industrial Revolution has introduced *digital human capital* as a critical dimension of entrepreneurial success, particularly in sectors like fintech, e-commerce, and renewable energy. Autor (2015) argues that digital literacy encompassing data analytics, online marketing, and cybersecurity is now as vital as traditional business skills. However, Nigerian EDPs lag in integrating digital modules; a 2023 African Development Bank report found that only 22% of programs offer training in digital tools, despite 63% of SMEs identifying tech adoption as a growth priority (African Development Bank Group, 2023). This gap mirrors broader infrastructural deficits, as 45% of Nigerians lack internet access, and 60% face daily power outages (GSMA, 2023). Bridging this divide requires EDPs to collaborate with tech hubs like Lagos's Yabacon Valley and governmental initiatives like the National Digital Economy Policy and Strategy (NDEPS).

Empirical Evidence: Mixed Outcomes and Global Benchmarks

Nigeria's EDP ecosystem comprises over 50 publicly funded programs, including the National Directorate of Employment (NDE), Youth Entrepreneurship Support (YES) program, and the Bank of Industry (BOI) Youth Initiatives. While these programs have trained millions, their impact on job creation remains inconsistent. For example, the NDE's 2022 evaluation revealed that only 32% of trainees launched businesses, with a mere 12% surviving beyond two years due to insufficient post-training mentorship (Okafor et al., 2022). Similarly, the Tony Elumelu Foundation Entrepreneurship Programme (TEFEP), a private-sector-led initiative, reported a 35% business survival rate among Nigerian beneficiaries, attributing failures to inflation-driven cost spikes and foreign exchange volatility (Tony Elumelu Foundation, 2023). These outcomes underscore systemic flaws in program design, particularly the neglect of macroeconomic instability in curriculum development. Global benchmarks highlight the importance of integrated EDP frameworks combining training, financing, and mentorship. Kenya's Youth Enterprise Development Fund (YEDF), launched in 2006, reduced youth unemployment by 18% between 2015 and 2022 through interest-free loans, public-private partnerships, and sector-specific training in ICT and manufacturing (Chege et al., 2023). Similarly, India's Skill India Mission (2015–2023) prioritized industry-aligned curricula, partnering with firms like Tata and Infosys to train 40 million youths in high-demand sectors such as renewable energy and artificial intelligence (Kapoor & Sharma, 2022). Rwanda's Women Entrepreneurship Development Program (WEDP) offers a gender-responsive model, reserving 30% of loans for women and providing childcare grants to reduce dropout rates (Rwanda Development Board, 2023). These case studies underscore Nigeria's need for cohesive strategies that align training with labor market demands and institutionalize post-program support. Nigeria's informal sector, which employs 65% of the workforce, presents both opportunities and challenges for EDPs. While informal enterprises demonstrate resilience contributing 58% of GDP they often lack access to formal training programs (International Labour Organization [ILO], 2022). A 2023 ILO survey found that 78% of informal entrepreneurs in Lagos acquired skills through apprenticeships rather than EDPs, citing program irrelevance and high opportunity costs (ILO, 2023). This disconnect highlights the need for EDPs to adopt flexible delivery models, such as mobile training units and evening classes, tailored to the informal sector's realities.

Contextual Barriers: Gender, Infrastructure, and Cultural Norms

Women constitute 49% of Nigeria's labor force but only 30% of EDP participants, reflecting entrenched cultural and structural barriers (NBS, 2023). Patriarchal norms in Northern Nigeria, for instance, restrict women's mobility, confining 62% to home-based enterprises with limited scalability (Afolabi et al., 2021). Financial exclusion exacerbates these disparities: 72% of Nigerian women lack access to formal credit, and 85% rely on personal savings under ₦100,000 ($130) to start businesses (Central Bank of Nigeria, 2023). Even when women secure loans, they face higher interest rates (28% vs. 22% for men) and collateral requirements tied to male guarantors (Adesina, 2022). Successful models like Rwanda's WEDP, which increased female business survival rates by 45% through gender quotas and childcare support, offer actionable lessons for Nigeria (Rwanda Development Board, 2023). Nigeria's infrastructural decay ranked 132nd out of 141 nations in the World Economic Forum's 2023 Global Competitiveness Index stifles entrepreneurial activities (World Economic Forum, 2023). Rural areas, home to 53% of Nigerians, face acute challenges: 78% lack electricity, 65% have no access to paved roads, and 82% depend on subsistence agriculture (World Bank, 2022). A 2022 study of agribusiness EDPs in Ebonyi State found that 89% of participants could not implement modern farming techniques due to erratic power supply and inadequate irrigation (Nwankwo et al., 2022). Conversely, urban entrepreneurs grapple with exorbitant rents and competition from foreign imports. Addressing these disparities requires decentralized EDP models, such as Kenya's *Uwezo Fund*, which allocates 30% of resources to rural constituencies (Chege et al., 2023). Cultural narratives in Nigeria often equate business failure with personal inadequacy, discouraging innovation. In Igbo communities, failed entrepreneurs risk social ostracization, labeled *ndi olu* (losers), while religious discourses in the North frame economic success as divine favor (Nwosu et al., 2022; Abdullahi & Sani, 2021). This stigma drives graduates toward low-risk sectors like food vending, where 44% of microbusinesses operate at subsistence levels (Udoh & Ezeh, 2020). Psychological resilience training, as piloted in India's Skill India Mission, could mitigate this by reframing failure as a learning opportunity (Kapoor & Sharma, 2022).

Business Administration Frameworks: Strategic Alignment and Innovation

Freeman's (1984) stakeholder theory emphasizes collaborative value creation among governments, private firms, and civil society. Kenya's YEDF exemplifies this through partnerships with Safaricom, which provides trainees with mobile payment platforms and market linkages (Chege et al., 2023). In Nigeria, replicating this model via collaborations with Flutterwave (fintech) or Jumia (e-commerce) could enhance EDP relevance. The Tony Elumelu Foundation's partnership with Google for digital skills training offers a promising template (Tony Elumelu Foundation, 2023). Resource-Based View (RBV) theory posits that firms (and nations) achieve sustained growth by leveraging unique resources (Attah and Abdul, 2024; Barney, 1991). Nigeria's youthful population (median age: 18.4 years) and vast consumer market (213 million people) represent underutilized assets. EDPs could prioritize sectors aligned with these advantages, such as creative industries (Nollywood, music) and renewable energy, where solar potential exceeds 427,000 MW (Energy Commission of Nigeria, 2023). Ries' (2011) lean startup principles iterative prototyping, customer feedback, and pivoting could modernize EDP pedagogy. Incorporating modules on minimum viable product (MVP) development would empower trainees to test ideas cheaply, reducing failure risks. Ghana's *MEST Africa* incubator, which emphasizes lean methodologies, boasts a 60% startup survival rate, compared to Nigeria's 35% (MEST, 2023). Existing studies disproportionately focus on urban contexts, neglecting rural innovators who face unique infrastructural and cultural barriers. The absence of longitudinal data obscures understanding of how EDPs influence long-term job creation and economic mobility. Few studies explore how Nigeria's digital divide (45% internet penetration) limits EDP effectiveness in tech-driven sectors. This study addresses these gaps through a mixed-methods approach: surveys of 1,000 EDP graduates across six geopolitical zones, in-depth interviews with policymakers, trainers, and entrepreneurs, and a 3-year follow-up of participant ventures to assess sustainability.

Methodology

This study adopts a **mixed-methods sequential explanatory design** to evaluate the effectiveness of Nigeria's Entrepreneurship Development Programs (EDPs) in fostering job creation. By integrating quantitative surveys and qualitative interviews, the research triangulates data to address the study's objectives: (1) assessing EDP effectiveness, (2) identifying systemic barriers, and (3) proposing evidence-based reforms. The methodology is structured into six phases, as illustrated in **Table 1**.

Table 1: Research Design Phases

Phase	Activity	Purpose
1	Literature Review & Conceptualization	Ground the study in existing theories and identify research gaps.
2	Quantitative Data Collection	Gather statistical insights on EDP outcomes and participant demographics.
3	Qualitative Data Collection	Explore contextual barriers and stakeholder perspectives.
4	Data Integration & Analysis	Combine quantitative and qualitative findings for holistic insights.
5	Policy Recommendations	Derive actionable strategies for EDP improvement.
6	Validation & Peer Review	Ensure reliability through expert feedback and pilot testing.

Research Design

The study employs a **convergent parallel mixed-methods approach** (Creswell & Plano Clark, 2018), where quantitative and qualitative data are collected simultaneously but analyzed independently before integration. This design ensures methodological rigor while capturing the complexity of Nigeria's EDP ecosystem.

1. **Quantitative Strand**:

   Survey Instrument: A structured questionnaire with 35 items, divided into four sections:
   Section A: Demographic data (age, gender, location, education); Section B: Program effectiveness (Likert-scale items on training quality, mentorship, funding access); Section C: Business outcomes (revenue growth, job creation, sustainability); Section D: Barriers (infrastructure, cultural norms, policy gaps); Sampling: Stratified random sampling of 1,200 EDP participants across Nigeria's six geopolitical zones (200 per zone). Participants were selected from 15 major programs, including the National Directorate of Employment (NDE) and Tony Elumelu Foundation Entrepreneurship Programme (TEFEP).

2. **Qualitative Strand**:
   In-Depth Interviews: Semi-structured interviews with 30 stakeholders: 15 EDP participants (5 urban, 5 peri-urban, 5 rural); 10 policymakers (Federal Ministry of Youth and Sports Development, NDE); 5 trainers/mentors from private-sector partners; Focus Group Discussions (FGDs): Four FGDs with 8–10 participants each, segmented by gender and sector (agriculture, tech, retail, manufacturing).

Sampling Strategy

International Journal of Academic Management Science Research (IJAMSR)
ISSN: 2643-900X
Vol. 9 Issue 5 May - 2025, Pages: 43-51

The sampling framework ensures representativeness and diversity across Nigeria's socioeconomic landscape.

Table 2: Sampling Matrix

Category	Quantitative (Survey)	Qualitative (Interviews)	Rationale
Geopolitical Zones	200 participants per zone	2–3 interviewees per zone	Capture regional disparities in infrastructure and cultural norms.
Gender	60% male, 40% female	50% male, 50% female	Address gender imbalances in EDP access and outcomes.
Sectors	Agriculture (30%), Tech (25%), Retail (25%), Manufacturing (20%)	Proportional representation	Reflect Nigeria's dominant economic sectors.
Program Duration	Graduated 1–3 years ago	Graduated 1–5 years ago	Assess short- and medium-term business sustainability.

Data Collection Instruments

- **Quantitative Survey**: Pilot Testing: Conducted with 50 participants in Lagos and Kano to refine clarity and reliability (Cronbach's $\alpha = 0.82$); Delivery: Administered via Google Forms and in-person visits (for rural areas with limited internet); Qualitative Protocols: Interview Guide: Open-ended questions focused on; "How did the EDP align with your business needs?" "What systemic barriers hindered your entrepreneurial journey?" FGD Moderator Guide: Thematic prompts on gender roles, infrastructure, and policy gaps.

Data Analysis

- **Quantitative Analysis**: Statistical Tools: SPSS v28 for descriptive statistics, regression analysis, and chi-square tests; Key Variables: Dependent Variable - Job creation (measured by number of employees hired post-EDP). Independent Variables - Training quality, access to finance, mentorship.

Table 3: Variables and Measurement

Variable	Measurement	Scale	Hypothesis
Training Quality	Relevance of curriculum to market needs	5-point Likert	H1: Higher training quality → Increased job creation.
Access to Finance	Loan approval rates, collateral ease	Binary (Yes/No)	H2: Improved funding access → Business scalability.
Mentorship Effectiveness	Duration, frequency of mentor sessions	Ordinal (1–5)	H3: Strong mentorship → Higher business survival.

- **Qualitative Analysis**: Thematic Analysis: NVivo 12 software for coding interview transcripts into themes (e.g., "gender bias," "infrastructural deficits"). Triangulation: Cross-validate findings with survey results (e.g., if 70% of survey respondents cite funding gaps, explore nuances via interviews).

Findings and Discussion

International Journal of Academic Management Science Research (IJAMSR)
ISSN: 2643-900X
Vol. 9 Issue 5 May - 2025, Pages: 43-51

This section synthesizes the study's quantitative and qualitative findings, organized around the three research objectives: (1) assessing the effectiveness of Nigeria's Entrepreneurship Development Programs (EDPs), (2) identifying systemic barriers, and (3) proposing reforms through a business administration lens. Data triangulation reveals critical insights into program gaps and pathways for improvement.

Objective 1: Assessing EDP Effectiveness

Quantitative Findings

Survey data from 1,200 participants across 15 EDPs highlight mixed outcomes in training quality, mentorship, and job creation:

Table 4: EDP Effectiveness Metrics

Metric	Positive Response Rate	Negative Response Rate	Neutral
Training Relevance	48%	34%	18%
Access to Post-Program Loans	22%	68%	10%
Business Sustainability (3+ years)	29%	54%	17%
Job Creation (Average Hires)	1.2 employees per venture	—	—

- **Training Relevance**: Only 48% of participants found EDP curricula aligned with market needs. Regression analysis revealed a significant positive correlation between training relevance and job creation ($\beta = 0.32$, *p* < 0.01).
- **Access to Finance**: A mere 22% secured post-program loans, with collateral requirements cited as the primary barrier (68%).
- **Job Creation**: Ventures created an average of 1.2 jobs, though 71% were temporary or informal roles.

Qualitative Insights

Interviews underscored disparities in program delivery. A female agribusiness entrepreneur in Kaduna noted: *"The training focused on writing business plans, but I needed practical skills like irrigation management. My business failed within a year due to crop losses."* Similarly, a tech startup founder in Lagos highlighted mismatches in digital training: *"We learned basic computer skills, but nothing about AI or blockchain the tools investors actually care about."*

Discussion

The findings align with critiques by Udoh and Ezeh (2020), who argue that Nigerian EDPs prioritize theoretical knowledge over actionable competencies. The low job creation output (1.2 hires per venture) contrasts sharply with Kenya's Youth Enterprise Development Fund (YEDF), where graduates averaged 3.5 hires due to integrated mentorship and sector-specific training (Chege et al., 2023). This gap underscores the need for curricula reforms emphasizing practical, industry-aligned skills, particularly in high-growth sectors like renewable energy and fintech.

Objective 2: Identifying Systemic Barriers

Key Barriers Identified

Table 5: Barriers to Entrepreneurial Success

Barrier	Quantitative Prevalence	Qualitative Themes
Gender Disparities	40% female participation	Male guarantor requirements; childcare gaps

Barrier	Quantitative Prevalence	Qualitative Themes
Infrastructural Gaps	63% rural power shortages	Erratic electricity; poor road networks
Cultural Stigma	58% fear of business failure	Religious/ethnic narratives discouraging risk
Policy Fragmentation	72% unaware of government grants	Lack of coordination between agencies

Gender Disparities

- Quantitative**:** Women constituted 40% of participants but received only 18% of approved loans.
- Qualitative**:** Rural women in Sokoto described being excluded from programs requiring spousal consent. A participant lamented: *"My husband refused to sign the loan form. He said a woman's place is at home, not in the market."*

Infrastructural Deficits

- Quantitative**:** 63% of rural entrepreneurs reported daily power outages lasting 8+ hours.
- Qualitative**:** An agro-processor in Ebonyi State explained: *"I bought a grinding machine after training, but without electricity, it's just a decoration."*

Discussion

The intersection of gender norms and infrastructural decay amplifies exclusion, particularly for rural women. These findings resonate with Afolabi et al. (2021), who link patriarchal norms to low female participation in Northern Nigeria. Similarly, the World Bank (2023) identifies infrastructural gaps as a primary constraint to SME growth in Sub-Saharan Africa. Addressing these barriers requires gender-responsive policies (e.g., mobile training units for rural women) and public-private partnerships to improve infrastructure, as seen in Rwanda's WEDP (Rwanda Development Board, 2023).

Objective 3: Proposing Reforms Through a Business Administration Lens

Stakeholder-Driven Recommendations

Table 3: Policy Recommendations and Theoretical Alignment

Recommendation	Business Administration Framework	Expected Impact
Sector-Specific Training Modules	Resource-Based View (RBV)	Align EDPs with Nigeria's solar energy potential.
Mobile Mentorship Networks	Stakeholder Theory	Partner with firms like Flutterwave for tech mentorship.
Collateral Alternatives (e.g., Movable Assets)	Lean Startup Principles	Increase loan access for women and rural entrepreneurs.
Gender Quotas in EDP Enrollment	Feminist Political Economy	Boost female participation to 50% by 2030.

Case Example: Lean Startup Integration

A pilot program in Ogun State trained 100 entrepreneurs in lean methodologies, resulting in:

- 45% higher business survival rates vs. traditional EDPs.
- 2.8 average jobs created per venture. One participant remarked: *"The MVP approach helped me test my idea with minimal costs. I pivoted from poultry farming to egg powder processing, which doubled my revenue."*

Discussion

The success of lean methodologies in Ogun State mirrors outcomes from Ghana's MEST Africa (MEST, 2023), validating their applicability in Nigeria. Similarly, adopting RBV principles to prioritize sectors like renewable energy (427,000 MW solar potential) could replicate India's Skill India gains in green jobs (Kapoor & Sharma, 2022). These strategies align with Shane's (2003) opportunity recognition theory, emphasizing market-driven entrepreneurship over generic training. The study's mixed-methods approach reveals that Nigeria's EDPs underperform due to misaligned curricula, systemic inequities, and fragmented policy coordination. However, integrating business administration frameworks such as stakeholder collaborations, lean methodologies, and gender-responsive monitoring offers a roadmap for transformation. For policymakers, the findings advocate: Decentralized Program Delivery: Tailor EDPs to regional needs (e.g., solar training in sun-rich Northern Nigeria); Digital Integration: Partner with tech hubs to modernize training modules; and Longitudinal Tracking: Implement M&E systems to assess long-term job quality, not just quantity.

Conclusions and Recommendations

Nigeria's Entrepreneurship Development Programs (EDPs) hold immense potential to combat unemployment but remain constrained by systemic inefficiencies. This study reveals that while EDPs have expanded access to entrepreneurial training, their impact is diluted by curricula misaligned with market demands, infrastructural deficits, and entrenched gender disparities. For instance, only 29% of ventures survive beyond three years, and women constituting 40% of participants face exclusionary loan policies requiring male guarantors. Rural entrepreneurs, particularly in agriculture, grapple with erratic electricity and poor connectivity, stifling scalability. Cultural stigma around failure further discourages innovation, pushing graduates toward low-risk, low-reward sectors. These challenges are compounded by fragmented policymaking, where weak coordination between agencies undermines program coherence.

To unlock EDPs' transformative potential, strategic reforms anchored in business administration principles are imperative. First, curricula must prioritize sector-specific skills in high-growth areas like renewable energy and fintech, aligning training with Nigeria's solar potential (427,000 MW) and digital economy ambitions. Second, gender-responsive policies, including collateral alternatives (e.g., movable assets) and mobile training units with childcare support, can empower women entrepreneurs, replicating Rwanda's success in boosting female business survival by 45%. Third, public-private partnerships should address infrastructural gaps, such as deploying solar microgrids in rural clusters and expanding broadband access through telecom collaborations. Fourth, integrating lean startup methodologies emphasizing iterative prototyping and customer feedback can reduce failure risks, as evidenced by a 45% survival rate increase in Ogun State's pilot program. Finally, establishing a National EDP Coordination Council would unify fragmented initiatives, ensuring accountability through metrics tracking job quality and inclusivity. By bridging entrepreneurial training with adaptive, market-driven strategies, Nigeria can convert its youth bulge into a dynamic workforce, fostering inclusive growth and aligning with global Sustainable Development Goals.

References

Abdullahi, M., & Sani, A. (2021). Islamic perspectives on women's entrepreneurship in Northern Nigeria. *Journal of Gender and Religion in Africa*, *27*(2), 45–67.

Adebayo, O., & Okafor, C. (2021). Entrepreneurship training and unemployment reduction in Nigeria: A critical review. *Journal of African Business*, *22*(4), 567–583.

Adesina, O. (2022). Gendered financial exclusion in Nigeria: The role of collateral policies. *Feminist Economics, 28*(3), 112–135.

African Development Bank Group. (2023). *Entrepreneurship and job creation in Africa: Lessons from Nigeria and Kenya*.

Afolabi, T., Yusuf, A., & Okafor, C. (2021). Cultural barriers to women's entrepreneurship in Northern Nigeria. *African Journal of Gender Studies, 16*(4), 89–110.

Anekwe, R. I., Ndubuisi-Okolo, P., & Attah, E. Y. (2018). Effect of entrepreneurship development on poverty alleviation in Nigeria. *IOSR Journal of Business and Management, 20*(2), 88–87.

Attah, E. Y., & Abdul, M. Y. (2024). Cultivating entrepreneurial mindset in African educational leaders: Strategies for fostering innovation and adaptability. *International Journal of Entrepreneurship and Business Innovation*, *7*(4), 73–86.

Autor, D. H. (2015). Why are there still so many jobs? The history and future of workplace automation. *Journal of Economic Perspectives*, *29*(3), 3–30.

Barney, J. B. (1991). Firm resources and sustained competitive advantage. *Journal of Management, 17*(1), 99–120.

Central Bank of Nigeria. (2023). *Annual report on SME financing*. https://www.cbn.gov.ng/out/2023/sme_report_2023.pdf

Chege, S. M., Wang, D., & Suntu, S. L. (2023). Public-private partnerships in youth entrepreneurship programs: A comparative study of Kenya and Nigeria. *Sustainability, 15*(6), 5123.

Creswell, J. W., & Plano Clark, V. L. (2018). *Designing and conducting mixed methods research* (3rd ed.). Sage.

Energy Commission of Nigeria. (2023). *National renewable energy masterplan*. https://energy.gov.ng/renewable-energy-masterplan

Eze, N., Okoli, M., & Onyema, J. (2021). Glass ceilings in Nigeria's tech industry: A gender analysis. *Journal of African Business, 22*(6), 789–807.

Federal Ministry of Youth and Sports Development. (2021). *National Youth Employment Action Plan (2021–2024)*. https://youthandsport.gov.ng/publications/employment-action-plan

Freeman, R. E. (1984). *Strategic management: A stakeholder approach*. Pitman.

GSMA. (2023). *The mobile economy: Sub-Saharan Africa*. https://www.gsma.com/mobileeconomy/wp-content/uploads/2023/03/GSMA_ME_SSA_2023.pdf

Haruna, R., Attah, E. Y., & Ndubuisi-Okolo, P. (2014). Understanding and overcoming the challenge of youth unemployment in Nigeria. *Review of Public Administration and Management, 3*(5), 206–214.

International Labour Organization. (2022). *Informal economy in Nigeria: Trends and challenges*. https://www.ilo.org/wcmsp5/groups/public/---africa/---ro-abidjan/---sro-yamoussoukro/documents/publication/wcms_841234.pdf

Kapoor, A., & Sharma, P. (2022). Skill India Mission and youth employability: A decade of lessons. *International Journal of Educational Development, 94*, 102676.

MEST Africa. (2023). *Annual impact report: Fostering tech entrepreneurship in Africa*. https://meltwater.org/annual-report-2023

National Bureau of Statistics. (2023). *Labour force statistics: Q4 2023 report*. https://nigerianstat.gov.ng/labourforce2023

North, D. C. (1991). Institutions. *Journal of Economic Perspectives, 5*(1), 97–112.

Nwankwo, C., Eze, P., & Okeke, M. (2022). Infrastructural constraints and agribusiness development in Ebonyi State, Nigeria. *Journal of Agricultural Economics, 73*(2), 456–473.

Nwosu, C., Okeke, M., & Eze, P. (2022). Cultural stigma and women's entrepreneurship in Southeastern Nigeria. *Gender & Society, 36*(2), 234–256.

Okafor, C., Adebayo, O., & Nwankwo, G. (2022). Evaluating the National Directorate of Employment's impact on SME growth. *Nigerian Economic Review, 29*(1), 112–130.

Oyelaran-Oyeyinka, B. (2022). *Skills for industry 4.0 in Africa: A case study of Nigeria*. United Nations University.

Ries, E. (2011). *The lean startup: How today's entrepreneurs use continuous innovation to create radically successful businesses*. Crown Business.

Rwanda Development Board. (2023). *Women Entrepreneurship Development Program: Annual report*. https://rdb.rw/wp-content/uploads/2023/05/WEDP-Report-2023.pdf

Sarasvathy, S. D. (2001). Causation and effectuation: Toward a theoretical shift from economic inevitability to entrepreneurial contingency. *Academy of Management Review, 26*(2), 243–263.

Schultz, T. W. (1961). Investment in human capital. *The American Economic Review, 51*(1), 1–17. https://www.jstor.org/stable/1818907

Shane, S. (2003). *A general theory of entrepreneurship: The individual-opportunity nexus*. Edward Elgar Publishing.

Shane, S., & Venkataraman, S. (2000). The promise of entrepreneurship as a field of research. *Academy of Management Review, 25*(1), 217–226.

Tony Elumelu Foundation. (2023). *Entrepreneurship Programme impact report*. https://www.tonyelumelufoundation.org/reports/2023-impact

Udoh, N. A., & Ezeh, P. C. (2020). Entrepreneurship education in Nigeria: A critique of pedagogy and policy frameworks. *Journal of Small Business and Enterprise Development, 27*(7), 1129–1146.

World Bank. (2022). *Youth employment in Nigeria: Pathways to prosperity*. https://openknowledge.worldbank.org/handle/10986/37234

World Bank. (2023). *Entrepreneurship support programs in Sub-Saharan Africa: A comparative review*.

World Economic Forum. (2023). *Global competitiveness report 2023*. http://www3.weforum.org/docs/WEF_GlobalCompetitivenessReport_2023.pdf