

Review

Not peer-reviewed version

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Posted Date: 30 August 2023

doi: 10.20944/preprints202308.1826.v2

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Review

Entrepreneurship Education in South Africa: Policy Implementation and Impact on Youth Empowerment

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Abstract: Entrepreneurship education in South Africa holds significant promise in empowering the youth and fostering economic growth. This article explores the impact of entrepreneurship education on youth empowerment, focusing on case studies of successful young entrepreneurs, evaluation of entrepreneurial skills development, and analysis of employment and economic outcomes. While effective models of entrepreneurship education emphasize experiential learning and collaboration with local businesses, resource constraints and infrastructure gaps pose challenges. Moreover, socio-cultural perceptions and gender disparities influence youth's willingness to engage in entrepreneurship, hindering inclusivity. Evaluating the long-term impact remains challenging, requiring robust monitoring and evaluation mechanisms. The article concludes with recommendations to enhance the impact of entrepreneurship education, including increasing funding, challenging stereotypes, fostering collaboration, and developing evaluation mechanisms to support South Africa's youth in realizing their entrepreneurial potential.

Keywords: policy; entrepreneurship; entrepreneurship education; South Africa; educational policy; policy analysis; youth empowerment

1. Introduction

Entrepreneurship education is an educational approach that aims to foster entrepreneurial skills, knowledge, and attitudes among students [1]. It goes beyond traditional business education and equips learners with the ability to identify opportunities, take calculated risks, think creatively, and innovate in various contexts. Exposure to successful entrepreneurial models could be a significant factor for stimulating students' confidence in their ability to start a business and for improving their attitudes towards entrepreneurship in entrepreneurship education programs [2]. The concept of entrepreneurship education has gained significance globally as economies increasingly rely on innovation and small business development for sustainable growth. In the South African context, entrepreneurship education has emerged as a response to the country's unique socio-economic challenges. Entrepreneurship education is seen as a pathway to create jobs, empower individuals, and stimulate economic development [3]. The country's history of apartheid and its legacy have left lasting disparities in access to education and economic opportunities, making entrepreneurship education a crucial tool to address these inequalities [4].

Entrepreneurship education in South Africa has evolved over the years, from being an optional offering to a more integrated and comprehensive approach within the educational system. [5] notes that this evolution has been driven by several factors, including the growing recognition of the importance of entrepreneurship in economic development, the increasing demand for entrepreneurial skills from employers, and the need to address the country's socio-economic challenges. Policies and initiatives have been introduced to promote entrepreneurial thinking across all levels of education, from primary schools to higher education institutions. The goal is to foster a culture of entrepreneurship and equip learners with the skills and mindset necessary to become successful entrepreneurs or intrapreneurs in the workforce. For example, the Department of Basic Education (DBE) [6] has introduced the Entrepreneurship Development in Schools (EDS) programme,

which aims to teach entrepreneurial skills to learners from Grade 4 to Grade 9. In South Africa, the government has also developed a framework for entrepreneurship education in higher education [7], which encourages universities to offer entrepreneurship modules and to create entrepreneurial ecosystems on their campuses.

The importance of entrepreneurship education in South Africa cannot be overstated. It plays a pivotal role in addressing pressing socio-economic challenges and contributing to the country's overall development [8]. Several key factors such as youth empowerment and job creation, economic growth and innovation, addressing unemployment, etc., highlight the significance of entrepreneurship education in the South African context.

With a large percentage of the population being young, entrepreneurship education empowers youth to become self-reliant and creates opportunities for job creation. By fostering entrepreneurial skills, students are better prepared to start their own businesses or contribute to innovative ventures. Enhancing entrepreneurship education can assist in skill acquisition, capacity building, entrepreneurial development, and economic growth and development in South Africa [9]. Entrepreneurship drives economic growth and fosters innovation. By nurturing a culture of entrepreneurship, South Africa can enhance its competitiveness in the global market and stimulate economic development through new business ventures and technologies [10].

South Africa faces persistent challenges of unemployment and income inequality. Entrepreneurship education provides an avenue for individuals from disadvantaged backgrounds to access opportunities, improve their livelihoods, and uplift their communities. Entrepreneurship education can lead to the development of resilient and sustainable communities [11]. By encouraging problem-solving and resourcefulness, entrepreneurial skills can address community challenges and improve local economies [12].

A strong emphasis on entrepreneurship education diversifies the economy by encouraging the establishment of businesses in various sectors, reducing dependency on specific industries, and promoting a more balanced economic landscape [13].

The primary research objective of this paper is to explore the implementation of entrepreneurship education policies in South Africa and assess their impact on youth empowerment, job creation, and economic growth. Specifically, the review aims to achieve the following:

- Examine the evolution of entrepreneurship education in South Africa, including the development of policies and initiatives at different educational levels.
- Analyze the pedagogical approaches and methodologies used in entrepreneurship education programs, both in formal and informal settings.
- Evaluate the impact of entrepreneurship education on students' attitudes, skills, and career aspirations, with a focus on youth empowerment and job creation.
- Identify the successes and challenges faced in implementing entrepreneurship education policies, including issues related to access, inclusivity, and sustainability.
- Provide recommendations for policymakers, educators, and stakeholders to strengthen and expand entrepreneurship education in South Africa, considering best practices and lessons learned from existing initiatives.

The scope of this literature review is limited to entrepreneurship education in South Africa, focusing on policies, initiatives, and practices within the country's educational system. The review includes peer-reviewed journal articles, books, government reports, policy documents, and reputable online resources published within a specified date range to ensure the relevance and up-to-datedness of the findings.

2. The Role of Entrepreneurship Education in Youth Empowerment

Entrepreneurship education and training play a pivotal role in youth empowerment in South Africa by equipping young individuals with essential skills, knowledge, and mindset to create economic opportunities, reduce unemployment, address socio-economic disparities, and contribute to sustainable community development [14, 15, 16]. By equipping young individuals with essential entrepreneurial skills, knowledge, and mindset, the education system seeks to foster a culture of

innovation, self-reliance, and proactive engagement in economic activities. By equipping young individuals with essential entrepreneurial skills, knowledge, and mindset, the education system seeks to foster a culture of innovation, self-reliance, and proactive engagement in economic activities. [15] mentions that it is necessary to foster a culture of entrepreneurship among the youth, particularly because some youth entrepreneurs might be as creative and innovative but lack formal education in entrepreneurship/business management. Mentoring young individuals in the domain of entrepreneurship has been emphasized as a crucial means of addressing youth poverty and enhancing youth empowerment [17].

[18] found that it is essential to cultivate entrepreneurial knowledge and skills among young individuals and establish entrepreneurial programs that facilitate connections between youth and other business organizations, such as the Chamber of Commerce, South African United Business Confederation (SAUBC), and the Global Business Round Table. These initiatives aim to bolster self-assurance, stimulate interest, and encourage youth to actively participate in diverse entrepreneurial endeavors. Support for training is more effective in stimulating productive start-ups than subsidies for young entrepreneurs facing high cost of searching for business opportunities [19].

Entrepreneurship education encourages a culture of innovation and creativity among young learners. Beyond merely focusing on business ventures, the education system emphasizes problem-solving and critical thinking, nurturing the ability to find creative solutions to social and environmental challenges. This emphasis on innovation equips the youth with essential skills to address complex issues in various spheres of life.

3. Policy Landscape of Entrepreneurship Education in South Africa

3.1. National Policies and Initiatives

The emphasis on ethical and sustainable business practices within entrepreneurship education has broader implications for sustainable development in South Africa. By promoting a generation of socially responsible entrepreneurs, the education system encourages consideration of long-term environmental and social impacts. This commitment to sustainability aligns with the country's broader goals of advancing responsible economic practices.

The South African government has several national policies and initiatives in place to promote entrepreneurship education. These include:

- The National Entrepreneurship Development Strategy (NEDS): This strategy, which was developed by the South African government in 2010, identifies entrepreneurship education as a key priority for economic development. The NEDS sets out several goals for entrepreneurship education, including increasing the number of learners who receive entrepreneurship education, improving the quality of entrepreneurship education, and creating a more supportive environment for entrepreneurship.
- The Entrepreneurship Development in Schools (EDS) programme: This programme, which was launched by the Department of Basic Education (DBE) in 2013, aims to teach entrepreneurial skills to learners from Grade 4 to Grade 9. The EDS programme provides teachers with training on how to teach entrepreneurship, and it also provides learners with access to resources and support.
- The Framework for Entrepreneurship Education in Higher Education: This framework, which was developed by the Department of Higher Education and Training (DHET) in 2018, encourages universities to offer entrepreneurship modules and to create entrepreneurial ecosystems on their campuses. The framework provides universities with guidance on how to develop and deliver effective entrepreneurship education programmes.
- The National Entrepreneurship Awards: These awards, which are hosted by the South African government, recognize and celebrate the achievements of entrepreneurs and entrepreneurship support organizations. The awards help to raise awareness of the importance of entrepreneurship and to promote entrepreneurship culture in South Africa.

In addition to these national policies and initiatives, there are also several other organizations that are working to promote entrepreneurship education in South Africa. These include:

- The Small Enterprise Development Agency (SEDA)
SEDA is a government agency that provides support to small businesses in South Africa. SEDA offers entrepreneurship training programmes, and it also provides funding to small businesses.
- The National Youth Development Agency (NYDA)
The NYDA is a government agency that works to promote the development of young people in South Africa. The NYDA offers a number of entrepreneurship training programmes, and it also provides funding to young entrepreneurs.
- The Entrepreneurship Foundation of South Africa (EFSA)
The EFSA is a non-profit organization that promotes entrepreneurship education in South Africa. The EFSA offers few entrepreneurship training programmes, and it also provides resources and support to entrepreneurs.

These are just a few of the national policies and initiatives that are in place to promote entrepreneurship education in South Africa. These policies and initiatives are helping to create a more entrepreneurial culture in South Africa, and they are helping to equip young people with the skills and mindset they need to succeed as entrepreneurs.

3.2. Curriculum Integration and Entrepreneurship Education Programs

Curriculum integration and entrepreneurship education programs are increasingly being adopted in South Africa to promote entrepreneurial thinking and skills among learners. Curriculum integration and entrepreneurship education programs have the potential to make a significant contribution to the development of South Africa.

By promoting entrepreneurial thinking and skills among learners, these programs can help to create a more entrepreneurial culture, develop the skills needed for the 21st century economy, and reduce unemployment and poverty. Curriculum integration and entrepreneurship education programs in South Africa can help to create a more entrepreneurial culture in South Africa. By exposing learners to entrepreneurship at an early age, they may be more likely to consider entrepreneurship as a career option.

4. Assessing the Impact of Entrepreneurship Education on Youth Empowerment in South Africa

4.1. Case Studies and Success Stories of Young Entrepreneurs

Entrepreneurship education in South Africa has gained prominence to empower the youth and address the challenges of high youth unemployment and socio-economic disparities. Case studies and success stories of young entrepreneurs who have undergone entrepreneurship education programs serve as valuable evidence of the impact of such initiatives on youth empowerment. One notable case study is that of Thabo, a young entrepreneur from a disadvantaged background who participated in an entrepreneurship education program offered by a local non-governmental organization (NGO). Through the program, Thabo developed his business acumen, received mentorship from successful entrepreneurs, and gained access to seed funding. As a result, he established a thriving micro-enterprise in his community, generating employment opportunities for other youth and contributing to local economic development [20]. Similarly, the success story of Nombuso, a female entrepreneur, exemplifies the transformative potential of entrepreneurship education for gender empowerment. Nombuso participated in a university-led entrepreneurship program that prioritized inclusivity and gender equality. Equipped with entrepreneurial skills and knowledge, she successfully founded a tech start-up and became a role model for other young women aspiring to enter the male-dominated tech industry [20]. These case studies illustrate how entrepreneurship education can serve as a catalyst for positive change and empowerment among young individuals, providing them with the tools and resources to overcome barriers and transform their lives.

4.2. Evaluating Entrepreneurial Skills Development and Mindset Change

Evaluating the Influence of Entrepreneurship Education on Youth Empowerment entails a comprehensive analysis of the advancement of entrepreneurial skills and mindset within the participants. Numerous research endeavours have investigated the efficacy of entrepreneurship education programs in fostering both entrepreneurial competencies and a shift in mindset. A longitudinal investigation carried out by [21] assessed a university-led entrepreneurship education intervention in South Africa. The results demonstrated notable enhancements in the entrepreneurial skills of the participants, encompassing the identification of opportunities, formulation of business plans, and implementation of marketing strategies. Additionally, participants attested to a positive transformation in their mindset, characterized by heightened self-assurance, adaptability, and a stronger inclination towards proactive initiatives. Similarly, a cross-sectional study conducted by [22] probed the effect of entrepreneurship education on a cohort of high school students situated in a rural community. The findings illustrated that individuals exposed to entrepreneurship education displayed elevated levels of resilience and a greater propensity to undertake entrepreneurial ventures compared to their counterparts who did not partake in such educational endeavours. This scrutiny of the augmentation of entrepreneurial skills and the evolution of mindset underscores the potential of entrepreneurship education in equipping young individuals with indispensable capacities and a forward-looking mentality vital for empowerment and economic self-sufficiency.

The role of entrepreneurship in driving economic expansion, fostering innovation, and engendering job generation is pivotal. Aspiring entrepreneurs need to possess not only essential aptitudes but also the appropriate mindset to effectively navigate the intricate landscape of entrepreneurship. Proficiencies associated with entrepreneurship encompass, among other aspects, creativity, problem-solving acumen, effective communication, financial literacy, and strategic planning capabilities. These proficiencies are imperative for identifying opportunities, mitigating risks, and proficiently executing business pursuits. Entrepreneurial skills are not inherent traits but can be cultivated through educational endeavours and experiential learning [23]. To facilitate the acquisition and enhancement of these skills, initiatives in the realm of entrepreneurial education, including accelerators, incubators, and formal courses, have been established.

However, the evaluation of the efficacy of such initiatives presents challenges. Conventional assessment methods such as standardized tests might fall short in capturing the multifaceted nature of entrepreneurial competencies [24]. Conversely, a blend of self-assessment, peer evaluation, and performance metrics could yield a more comprehensive understanding of skill development.

Mindset, denoting the constellation of attitudes, convictions, and presumptions that shape an individual's outlook and actions, emerges as a pivotal determinant of entrepreneurial triumph. [25] conceptual dichotomy of a "growth mindset" versus a "fixed mindset" has garnered prominence within the entrepreneurship discourse. A growth mindset, characterized by the belief in the malleability of abilities and intelligence through effort, is intertwined with resilience, adaptability, and a willingness to embrace challenges—qualities indispensable for entrepreneurial pursuits. Notably, shifts in mindset frequently transpire during the entrepreneurial journey. Entrepreneurs often confront setbacks and uncertainties, triggering transformations in their mindset. [26] contend that transitioning from a fixed to a growth mindset can amplify an entrepreneur's capacity to learn from failures and persist in the face of adversity. Such a metamorphosis stands as a linchpin for sustained entrepreneurial triumph.

The interplay between the development of entrepreneurial skills and the evolution of mindset is intricate and bidirectional. Effective skill honing can engender heightened self-efficacy and confidence, nurturing a growth-oriented mindset. Concurrently, a growth mindset can expedite the acquisition of fresh skills by fostering an openness to learning and experimentation. Individuals embracing a growth mindset are more inclined to actively seek out opportunities for entrepreneurial education and training, implying that mindset can influence an individual's responsiveness to skill-enhancing initiatives [27]. Conversely, the mastery of novel skills can fortify an entrepreneur's self-assuredness, reinforcing a growth-oriented mindset.

4.3. Analyzing Employment and Economic Outcomes

A comprehensive assessment of the impact of entrepreneurship education on youth empowerment in South Africa should encompass an analysis of employment and economic outcomes among program participants. Research has examined how entrepreneurship education contributes to job creation and economic growth. A study by [28] investigated the employment outcomes of graduates from an entrepreneurship development program implemented in collaboration with local industries. The study found that a significant proportion of the program participants successfully launched their businesses, leading to the creation of new job opportunities in their communities. Economic outcomes were explored in a research study by [29], which examined the long-term impact of entrepreneurship education on the participants' income and economic well-being. The study revealed that individuals who had undergone entrepreneurship education experienced increased income levels and improved economic conditions, contributing to poverty reduction and social upliftment. These findings underscore the importance of entrepreneurship education as a key driver of economic empowerment, demonstrating its potential to create employment opportunities and improve the overall economic outlook for the youth in South Africa.

5. Challenges and Barriers of Entrepreneurship Education in South Africa

Entrepreneurship education in South Africa faces several challenges and barriers that hinder its effective implementation and impact on youth empowerment.

Previous research indicates that a lack of education, society's attitude towards youth entrepreneurship, a lack of access to capital, and a weak entrepreneurship culture are all impediments to youth engaging in entrepreneurial activity [30]. This section explores key challenges and barriers, shedding light on resource constraints, socio-cultural perceptions, and sustainability concerns.

5.1. Resource Constraints and Infrastructure Gaps

Resource constraints pose a significant challenge to entrepreneurship education in South Africa. Many educational institutions, especially in underprivileged communities, lack adequate funding and infrastructure to deliver comprehensive entrepreneurship programs. This scarcity of resources limits the availability of practical learning opportunities, access to technology, and the provision of mentorship support for aspiring young entrepreneurs [31]. Furthermore, the limited availability of trained educators and mentors with expertise in entrepreneurship also hampers the delivery of quality education. Addressing resource constraints requires strategic investments and collaboration between government, private sectors, and non-profit organizations to create an enabling environment for entrepreneurship education in South Africa [32].

5.2. Socio-cultural Perceptions and Gender Disparities

Socio-cultural perceptions and gender disparities present significant barriers to youth empowerment through entrepreneurship education. In some communities, there exists a prevailing belief that entrepreneurship is risky, and that traditional employment is more secure. These perceptions discourage young individuals from pursuing entrepreneurial ventures, inhibiting their willingness to take risks and explore innovative ideas [33].

Moreover, gender disparities play a critical role in shaping youth's access to entrepreneurship education. Deep-rooted stereotypes and cultural norms often limit opportunities for young women to participate in entrepreneurship programs and access funding and support for their ventures [34]. Addressing these challenges requires raising awareness about the value of entrepreneurship, promoting inclusivity, and challenging gender norms to foster a more diverse and inclusive entrepreneurial [35]

5.3. Evaluating Sustainability and Long-term Impact

Ensuring the sustainability and long-term impact of entrepreneurship education programs remains a significant challenge. Many initiatives face difficulty in tracking the progress of program graduates and assessing the long-term outcomes of their entrepreneurial endeavors. The lack of robust monitoring and evaluation systems inhibits the ability to measure the effectiveness and impact of entrepreneurship education in South Africa [36].

Moreover, the sustainability of entrepreneurship education programs heavily relies on continued funding and support. Without consistent financial backing, initiatives may struggle to sustain their operations and deliver continuous support to young entrepreneurs. Addressing sustainability concerns necessitates developing comprehensive evaluation mechanisms, tracking graduates' progress, and forging partnerships with stakeholders committed to youth empowerment [37].

6. Conclusions

Entrepreneurship education in South Africa plays a crucial role in empowering the youth and addressing socio-economic challenges, including high youth unemployment and income inequality. Through effective models of entrepreneurship education, such as experiential learning and collaborative partnerships with local businesses, young learners develop essential entrepreneurial skills and a proactive mindset. However, the effectiveness of entrepreneurship education faces significant challenges, including resource constraints, socio-cultural perceptions, and sustainability concerns. Limited funding and infrastructure hinder the delivery of comprehensive programs, while socio-cultural norms and gender disparities discourage youth from pursuing entrepreneurial ventures. Additionally, evaluating the long-term impact of entrepreneurship education initiatives remains a challenge, necessitating the establishment of robust monitoring and evaluation mechanisms. To enhance the impact of entrepreneurship education in South Africa, policymakers, educators, and stakeholders must prioritize inclusivity, challenge gender norms, and forge sustainable partnerships to support aspiring young entrepreneurs.

7. Recommendations

- Policymakers should allocate adequate funding and resources to support entrepreneurship education initiatives, especially in underprivileged communities. This will enhance the delivery of comprehensive programs and provide young learners with hands-on experiences and access to technology and mentorship.
- Efforts should be made to raise awareness about the value of entrepreneurship and challenge socio-cultural perceptions that discourage youth, particularly young women, from engaging in entrepreneurial activities. Public campaigns and educational programs can play a pivotal role in promoting the benefits of entrepreneurship and empowering all segments of the youth population.
- To enhance the sustainability of entrepreneurship education programs, collaboration between educational institutions, government, private sectors, and non-profit organizations is crucial. Building strong partnerships will ensure ongoing support and a conducive environment for young entrepreneurs.
- Implementing effective monitoring and evaluation systems is essential to assess the long-term impact of entrepreneurship education initiatives. By tracking graduates' progress and measuring program outcomes, policymakers can make data-driven decisions to enhance the effectiveness of entrepreneurship education.

Conflicts of Interest: The authors declare no conflict of interest.

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