

THE ROLE OF BUSINESS INCUBATORS IN ENCOURAGING STUDENTS TO DEVELOP ENTREPRENEURIAL IDEAS

Prety Diawati¹, Hesti Sugesti²

^{1,2}Universitas Logistik dan Bisnis Internasional (ULBI), Jl. Sari Asih No.54, Bandung, Jawa Barat, Indonesia
Email: pretydiawati@ulbi.ac.id

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Abstract. In the midst of increasingly fierce competition, students as the younger generation have the potential to become innovative and highly competitive entrepreneurs. However, the first step in the entrepreneurial journey, namely developing a viable business idea, is often an obstacle for many students. The purpose of this study is to examine more deeply the role of business incubators in encouraging students to develop entrepreneurial ideas. This research is a literature review that uses a qualitative method approach, which means it will analyse and interpret data by relying on information and text from various sources. The study results show that the role of business incubators in encouraging students to develop entrepreneurial ideas is crucial. Business incubators provide a supportive environment, valuable resources, training, infrastructure, funding sources, and collaboration opportunities that all contribute to the development of creative ideas into successful businesses. Business incubators also help develop the entrepreneurial character and mentality necessary to face the challenges and uncertainties of the business world.

Keywords: Business Incubator, Students, Entrepreneurial Ideas

Abstrak. Di tengah persaingan yang semakin ketat, mahasiswa sebagai generasi muda memiliki potensi untuk menjadi pengusaha yang inovatif dan berdaya saing tinggi. Namun, langkah pertama dalam perjalanan kewirausahaan, yaitu mengembangkan ide bisnis yang layak, seringkali menjadi hambatan bagi banyak mahasiswa. Tujuan penelitian ini untuk menelaah lebih dalam mengenai peran inkubator bisnis dalam mendorong mahasiswa untuk mengembangkan ide kewirausahaan. Penelitian ini merupakan kajian literatur yang menggunakan pendekatan metode kualitatif, yang berarti akan menganalisis dan menginterpretasikan data dengan mengandalkan informasi dan teks dari berbagai sumber. Hasil studi menunjukkan bahwa peran inkubator bisnis dalam mendorong mahasiswa untuk mengembangkan ide kewirausahaan sangatlah krusial. Inkubator bisnis memberikan lingkungan yang mendukung, sumber daya yang berharga, pelatihan, infrastruktur, sumber pendanaan, dan kesempatan kolaborasi yang semuanya berkontribusi pada perkembangan ide-ide kreatif menjadi bisnis yang sukses. Inkubator bisnis juga membantu mengembangkan karakter kewirausahaan dan mentalitas yang diperlukan untuk menghadapi tantangan dan ketidakpastian di dunia bisnis.

Kata Kunci: Inkubator Bisnis, Mahasiswa, Ide Kewirausahaan

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INTRODUCTION

In the context of contemporary global interconnectedness and continuously shifting economic dynamics, the role of entrepreneurship has assumed significant importance in stimulating innovation, fostering job generation, and facilitating economic expansion within a nation (Diawati et al., 2023). Entrepreneurship serves as a catalyst for the cultivation of innovation and creativity, since it incentivizes individuals to generate novel solutions for prevailing challenges or even anticipate emerging demands (Rembulan et al., 2023; Sutrisno, Sitinjak, et al., 2023). Entrepreneurs frequently generate innovative products, services, or procedures that subsequently instigate transformative shifts and advancements across several industries (Harahap, Ausat, et al., 2023; Prastyaningtyas et al., 2023; Sutrisno, Kuraesin, et al., 2023). Nations that possess a favourable climate for entrepreneurial activities tend to exhibit higher levels of competitiveness in the global arena. Businesses that demonstrate innovation and adaptability possess the capacity to effectively respond to shifts in the global market and capitalise on emerging prospects (Harahap, Sutrisno, et al., 2023; Karneli, 2023; Ohara, 2023). This facilitates the preservation of a robust standing for nations in the realm of international trade and economic collaboration.

Amidst escalating rivalry, students, as members of the younger generation, possess the capacity to emerge as enterprising individuals who are both innovative and extremely competitive (Mahardhani, 2023; Said Ahmad et al., 2023). Students frequently possess a novel perspective and distinct approach while confronting challenges and potentialities. Due to their limited exposure to established modes of thinking, individuals in question exhibit a propensity for creativity in devising novel solutions to prevailing obstacles. Furthermore, students are afforded the opportunity to obtain a comprehensive and varied education, thereby equipping them with a robust foundation of knowledge across multiple disciplines (Gadzali et al., 2023). This enables individuals to gain insights into market trends, stay updated on the latest technologies, and identify emerging business prospects. Nevertheless, a significant challenge faced by numerous college students on their entrepreneurial path is the initial stage of formulating a feasible business concept.

One strategy that has emerged in aiding students in overcoming these obstacles is the utilisation of business incubators. Business incubators are specialised companies or institutions that are purposefully established to offer assistance and resources to budding entrepreneurs in the process of creating and implementing their business concepts (Man et al., 2022). Business incubators offer a diverse array of tools, encompassing physical workspace, guidance from experienced mentors, educational programmes, opportunities to connect with established

professionals, and occasionally initial funding (Vaz et al., 2023). These services collectively enhance the likelihood of achievement for aspiring student entrepreneurs seeking to establish and manage their own companies.

Prior research has emphasised the significance of business incubators in fostering the cultivation of entrepreneurial ideas among students. In a study undertaken by Hassan (2020), the objective was to examine the correlation between universities and business incubators (UBIs) and ascertain the potential advantages for students, scientific researchers, and entrepreneurs resulting from this association. Business incubators foster a collaborative atmosphere wherein individuals may together leverage their novel ideas, specialist skills, and abilities to establish and develop new ventures. In essence, the function of conventional universities has undergone a transformation, necessitating the emergence of entrepreneurial universities to effectively channel novel information towards fostering economic development via business incubation (BI). The study's findings indicate that it is advisable for the school system to establish a conducive climate that facilitates the transition of the younger generation from being employees to becoming employers. Additionally, it is recommended that the education system equip them with the necessary skills and information to enhance their ability to generate employment opportunities. Universal Basic Income (UBI) represents the most recent phase in the evolution of Basic Income (BI), wherein research findings are connected to industrial and developmental contexts. The interconnection between these entities will yield favourable outcomes for the stakeholders. Numerous incubators globally receive support from academic institutions. Many individuals and organisations establish initiatives aimed at establishing connections with universities and higher education institutions in order to generate cash and leverage the academic aspect of these institutions for their own benefit. In recent times, university incubators have emerged as a distinct form of incubator that provides enhanced support to entrepreneurs compared to other forms of incubators. A business incubator is an entity or programme designed to assist in the development and early growth of a company or startup. In Indonesia, the development of business incubators has seen a significant increase in recent years. The role of business incubators is crucial in driving economic development and supporting students who are interested in developing entrepreneurial ideas. An example of the development of business incubators in Indonesia is the growth of the Startup ecosystem. Indonesia has witnessed a rapid growth of the startup ecosystem. This includes an increasing number of business incubators established in various major cities such as Jakarta, Bandung, Surabaya, and Yogyakarta. In addition, the role of business incubators also has an impact on economic development and students in Indonesia, especially on the development of

entrepreneurial ideas. Business incubators assist students in formulating and developing their entrepreneurial ideas into solid concepts. They provide guidance in identifying market opportunities, business models, and growth strategies. On the other hand, business incubators also help students test and validate their business ideas in the real market. This helps identify potential problems and make necessary adjustments before launching the product or service in full. This means that the development of business incubators in Indonesia has provided valuable opportunities for students to develop their entrepreneurial ideas into sustainable businesses. It also has a positive impact on the country's economic development by encouraging innovation, enterprise growth, and increased employment. This research aims to elucidate the manner in which Universal Basic Income (UBI) effectively establishes a connection between scientific research outcomes and economic growth and development by means of entrepreneurial endeavours, so expediting the implementation and achievement of entrepreneurial strategies.

Supporting entrepreneurs in fostering regional growth is widely acknowledged as having significant benefit. University business incubators (UBIs) are recognised as significant entities within the entrepreneurial ecosystem, and they fulfil a crucial function in this context. There is an increasing amount of data indicating that the generation of new knowledge within universities has a positive impact on innovation by facilitating the transfer of ideas to the market. The historiography pertaining to the Universal Basic Income (UBI) model has a notable omission in its examination of the interplay between scientific principles, social ramifications, and corporate objectives. In a study conducted by Kazhenov (2022), an examination was carried out to analyse the patterns observed in research pertaining to Universal Basic Income (UBI). The objective of the study was to identify and elucidate the central themes that are commonly linked with this phenomenon. The study topics were addressed using a methodological approach that blended qualitative analysis, specifically descriptive analysis, with quantitative analysis, specifically thematic analysis. The study conducted an analysis of the temporal distribution of publications, the methodologies employed, and the academic journals that disseminated articles pertaining to Universal Basic Income (UBI). The primary outcomes of this study encompass eight distinct themes that serve as the foundational elements of the suggested conceptual framework. These findings enhance the comprehension of how managers of Universal Basic Income (UBI) may effectively navigate the objectives of fostering new enterprises, promoting social impact, and advancing scientific endeavours.

Within this particular context, it is imperative to acknowledge the significance of doing a literature review. This process aids in comprehending the theoretical underpinnings and

empirical discoveries that have previously been documented within the pertinent body of literature. Several overarching conclusions have been derived from these research investigations: 1) Support and coaching: Business incubators offer mentorship and coaching services to students with a specific emphasis on nurturing and refining their entrepreneurial concepts. This encompasses various elements such as the delineation of the target market, the formulation of product or service development strategies, the evaluation of competitors, and the formulation of business strategy plans. 2) Access to networks: Business incubators frequently possess expansive networks including of business professionals, investors, mentors, and other industry experts. This facilitates students' enhanced accessibility to networks and alliances that can effectively contribute to their company development endeavours. 3) Training and education: Business incubators are responsible for coordinating training programmes and workshops that are specifically geared to improve the entrepreneurial abilities of pupils. The aforementioned areas encompass business management, marketing, finance, and technology. 4) Access to financial resources: Certain business incubators also offer opportunities for accessing seed financing or facilitating connections between students and possible investors, thereby aiding in the development and launch of their entrepreneurial ventures.

However, despite the benefits offered by business incubators, there are still some questions that need to be answered. Do all business incubators have the same impact on the development of students' entrepreneurial ideas? What are the characteristics of business incubators that are most effective in helping students develop business ideas? What is the impact of context variables such as geographical location or industry focus?

Through this literature review, this research will endeavour to provide a deeper understanding of the role of business incubators in encouraging students to develop entrepreneurial ideas. By looking at the existing findings in the literature, this research can provide valuable insights for universities, business incubators, students, and other relevant parties in optimising the role of business incubators in supporting the development of student entrepreneurial ideas.

METHOD

This study constitutes a literature review that employs a qualitative methodology, hence entailing the analysis and interpretation of data through the utilisation of information and texts derived from diverse sources. The primary objective of a qualitative literature review is to compile, assess, and incorporate pre-existing knowledge pertaining to the subject of investigation, namely the role of business incubators in encouraging students to develop

entrepreneurial ideas. This study will gather data from several sources that are pertinent to the subject matter, including scientific journals, books, research papers, and other scholarly materials. The temporal scope of the data encompasses the years 2013 to 2023, affording the researcher the opportunity to observe and analyse the various advancements, trends, and alterations that have transpired during this timeframe. Firstly, collecting research related to business incubators, students and entrepreneurial ideas. Secondly, summarising related research and explaining the conceptions of business incubators, university students, entrepreneurial ideas, and how they can be used in the world of business-related education. Utilising the vast databases of Google Scholar and Google search engine, a thorough search was conducted to find related papers and data published from 2013 to 2023. To ensure the search for relevant research, the following keywords were used: business incubator, students, entrepreneurial ideas, and an appropriate combination of the above.

The utilisation of the qualitative technique in conducting a literature review enables researchers to provide a more comprehensive and detailed description and characterization of intricate and multifaceted matters (Elo et al., 2014). Furthermore, the utilisation of this approach facilitates the incorporation of numerous information sources and encompasses a diverse array of perspectives, hence enhancing the depth of research and bolstering the credibility of the results. The data gathering procedure will entail a rigorous examination of textual material, a thorough search for pertinent information, and the systematic categorization of important data pertaining to the research subject. Following this, the author intends to organise the gathered material in a systematic manner, conduct a comparative analysis of the findings from various sources, and discern recurring patterns, themes, and trends that arise from the amassed data.

One notable benefit of employing a qualitative literature evaluation lies in its inherent adaptability to comprehend and elucidate intricate phenomena, as it is not constrained by numerical or statistical limitations (Rahman, 2016). This approach additionally enables researchers to acquire profound insights on the temporal evolution of the subject matter being investigated, as well as the transformations and shifts in thoughts and understandings pertaining to the subject matter throughout different time periods. In the present study, it is imperative to thoroughly examine the dependability and veracity of the sources employed, while also engaging in a rigorous analysis of the gathered material. According to Bradshaw et al. (2017), while employing a qualitative technique, it is crucial for the researcher to communicate their findings in an impartial and reflective manner, offer clear and correct interpretations, and acknowledge the limits inherent in the methodology and data utilised. The anticipated outcome

of this research endeavour is to offer a detailed analysis of the evolution of the subject matter within the specified timeframe of 2013 to 2023. Additionally, it is expected that this study may yield suggestions for future research endeavours that can enhance the comprehension of matters pertaining to the subject.

RESULTS

Business incubators play a key role in fostering the cultivation of entrepreneurial ideas among students. A business incubator is a specialised setting that is purposefully created to provide assistance to nascent startups and small enterprises during their initial stages of growth and establishment (Jones et al., 2021). Business incubators play a crucial role in providing support to students who possess entrepreneurial ideas, including a range of advantageous characteristics that contribute to the advancement of their ideas and businesses (Li et al., 2020).

Business incubators play a pivotal role in facilitating access to critical resources for students aspiring to cultivate their entrepreneurial concepts. This include the provision of mentors and industry experts who possess substantial expertise across diverse domains. Students have the opportunity to acquire knowledge and insights from the real-life encounters of business practitioners who have successfully navigated through many challenges and barriers that they themselves may encounter. These mentors offer not only practical help but also useful insights into trends and developments within the pertinent industry. Furthermore, business incubators frequently provide comprehensive training and workshops that facilitate the development and refinement of students' entrepreneurial abilities. The training programme encompasses several areas of expertise, such as business management, product creation, marketing, finance, and presenting abilities (Dwivedi et al., 2021). The significance of this matter lies in the fact that while students may possess a robust academic foundation, the cultivation of practical business skills is important for the realisation of their ideas within a fiercely competitive market.

Business incubators also offer the requisite physical infrastructure for students to cultivate and refine their ideas. These amenities encompass collaborative work environments, provision of software and hardware resources, as well as provisions for conducting meetings with prospective investors, business associates, and clientele. During the initial stages of their entrepreneurial endeavours, students frequently encounter limitations in terms of resources. To address these challenges, business incubators play a crucial role by offering a conducive setting that facilitates the growth and development of their ventures. Furthermore, business incubators have the capability to aid students in identifying and securing financial resources for their

entrepreneurial ventures (Rukmana et al., 2023). The organisation possesses robust connections with investors, venture capitalists, and other financial entities that have a keen interest in providing support to prospective new ventures (Hermansyah, 2023; Salamah, 2023; Sukenti, 2023). By means of fundraising initiatives and engagements with potential investors, students are afforded the chance to present their ideas and secure the necessary financial backing to forward the development of their enterprises.

The notion of collaboration holds significant importance in the context of business incubators (Aarstad et al., 2022). Within this educational setting, students have the opportunity to engage in meaningful interactions with their peers who possess novel and inventive ideas. This phenomenon engenders prospects for collaboration, knowledge dissemination, and the amalgamation of diverse expertise, hence facilitating the development of enhanced solutions. This form of collaboration has the potential to enhance entrepreneurial ideas and foster a broader understanding of challenges and opportunities among students via the incorporation of diverse viewpoints. It is crucial to acknowledge that the function of business incubators extends beyond practical and technical dimensions, encompassing the cultivation of entrepreneurial traits and mindset. The curriculum will encompass the acquisition of knowledge and skills pertaining to resilience, perseverance, and the capacity to surmount adversity (Ledesma, 2014). Individuals will acquire the ability to swiftly adjust to alterations and develop enhanced self-assurance in confronting the various obstacles prevalent in the realm of commerce.

Business incubators are fundamentally essential in fostering the development of entrepreneurial ideas among students. Business incubators facilitate the growth of students' innovative ideas into prosperous enterprises by offering access to various resources, training programmes, infrastructure, financial opportunities, collaborative networks, and psychological assistance (Soetanto & Jack, 2013). Business incubators play a significant role in fostering the growth of emerging enterprises, while also cultivating a cohort of enterprising individuals that possess a penchant for innovation and possess a strong competitive edge.

DISCUSSION

Students that participate in business incubators also see enhanced long-term advantages. In addition to receiving assistance in cultivating their existing business concept, individuals also establish a robust network including of professionals, mentors, and fellow entrepreneurs. This network has the ability to facilitate access to novel opportunities, foster possible collaborations, and assist in overcoming forthcoming challenges. Furthermore, it is worth noting that a business incubator exerts a favourable influence on the innovation ecosystem

present inside the university or local community. The provision of tangible instances of achievement and the empowerment of individuals to establish and manage their own enterprises fosters a climate conducive to entrepreneurial endeavours (Gámez Gutiérrez & Garzón Baquero, 2017). Business incubators have the capacity to assist the transfer of knowledge between academic professionals and practitioners, hence fostering collaboration between the academic and business spheres (Kolympiris & Klein, 2017). This collaboration serves to promote research that is more focused on practical applications.

In addition to this, business incubators also contribute to the generation of employment opportunities. The establishment of a startup that effectively transforms an entrepreneurial concept into a functioning enterprise will result in the recruitment of personnel, the generation of employment prospects, and the facilitation of local economic expansion. The ramifications of this extend beyond individual achievements, encompassing a broader range of good effects. Nevertheless, it is crucial to acknowledge that the function of a business incubator does not ensure a certain outcome of achievement. In order to fully participate in incubation programmes, students are required to maintain a high level of commitment, exert diligent effort, and approach problems with unwavering determination. The process of transforming a company concept into a viable and enduring enterprise is characterised by inherent risks and a pervasive sense of unpredictability. Nevertheless, company incubators offer a conducive environment and avenues for acquiring knowledge from every stage, encompassing both accomplishments and setbacks.

The significance of business incubators in fostering the development of entrepreneurial ideas among students extends beyond the realm of business, encompassing personal growth, skill enhancement, and expanded perspectives. This programme facilitates the development of students' readiness for the intricate and cutthroat business environment, equipping them with the necessary skills to emerge as pioneering leaders in subsequent years (Sutrisno, Hayati, et al., 2023). Business incubators offer valuable support to students, enabling them to transform their entrepreneurial ideas into tangible success.

It is imperative to acknowledge that the impacts of business incubators extend beyond the immediate involvement of students, exerting influence on the surrounding ecosystem. The effective cultivation of entrepreneurial ideas among students, facilitated by business incubators, has the potential to serve as a source of inspiration and motivation for subsequent generations to pursue similar paths. The achievement of a single startup has the potential to catalyse a proliferation of novel ideas and inventive endeavours inside a certain community or industry (Chen et al., 2014). Furthermore, business incubators assume a significant function in

facilitating the connection between students and the external environment. Numerous business incubators possess substantial affiliations with prominent corporations, industries, and financial establishments. This has the potential to create possibilities for students to collaborate with larger corporations, gain access to more extensive resources, and maybe incorporate their unique solutions into the broader ecosystem.

Within the dynamic and ever-evolving global landscape, business incubators play a pivotal role in fostering the growth of students by cultivating their ability to adapt and innovate, thereby equipping them with the necessary skills to confront unexpected problems. Individuals acquire the ability to generate innovative resolutions to potential challenges that have yet to manifest, enabling them to effectively navigate a dynamic and evolving context in order to remain competitive (Dwivedi et al., 2023). Furthermore, it is worth noting that business incubators have the capacity to foster diversity and inclusivity within the realm of entrepreneurship (Atrup et al., 2023; Ausat et al., 2023; Azzaakiyyah et al., 2023; Satriadi et al., 2022). Business incubators have the potential to foster a more inclusive and equitable environment by providing support to various student cohorts, such as minority groups and women. This inclusive approach can contribute to the empowerment of individuals who may have previously experienced marginalisation or exclusion.

Examining the role of business incubators within a global framework is of paramount significance. Business incubators in numerous nations have a dual focus, encompassing both local ideation and facilitating opportunities for worldwide expansion. This initiative has the potential to facilitate the cultivation of a more expansive perspective among students, fostering their engagement with global markets and so contributing to enhanced economic growth and innovation. In its whole, the function of business incubators in fostering the cultivation of entrepreneurial ideas among students extends beyond mere provision of technical assistance. Investing in the future of innovation, economy, and individual growth is a prudent decision. Business incubators provide students with the opportunity to actualize their potential as entrepreneurs who possess the ability to generate a beneficial influence within society.

CONCLUSION

The significance of business incubators in fostering the development of entrepreneurial ideas among students is paramount. Business incubators offer a conducive setting, valuable assets, educational programmes, physical facilities, financial channels, and collaborative prospects, all of which collectively foster the transformation of innovative concepts into thriving enterprises. Business incubators play a crucial role in fostering the cultivation of

entrepreneurial traits and mindset that are essential for effectively navigating the complexities and uncertainties inherent in the realm of business. Business incubators offer valuable support to students, enabling them to establish robust networks, acquire knowledge from seasoned business professionals, refine practical business competencies, and obtain access to previously inaccessible resources. The impact of a successful entrepreneurial idea extends beyond the individuals directly involved, encompassing the wider innovation ecosystem, economic growth, and employment creation.

RECOMMENDATIONS

Students who possess entrepreneurial ideas are encouraged to make use of the opportunities presented by business incubators. Participating in an incubation programme can yield substantial advantages in the advancement of one's business concept. Nonetheless, it is crucial to maintain a steadfast dedication, exert diligent effort, and possess a receptive attitude towards acquiring knowledge at every stage of the entrepreneurial expedition. Furthermore, it is imperative for the government, universities, and other pertinent stakeholders to persist in providing assistance for the advancement of business incubators. Investing in business incubators has the potential to cultivate an entrepreneurial mindset, stimulate innovation, and empower the younger demographic to actively contribute to economic expansion and the betterment of society. Given appropriate support, business incubators have the potential to serve as a platform for students seeking to transform their innovative ideas into a prosperous reality within the ever-evolving and competitive realm of business.

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