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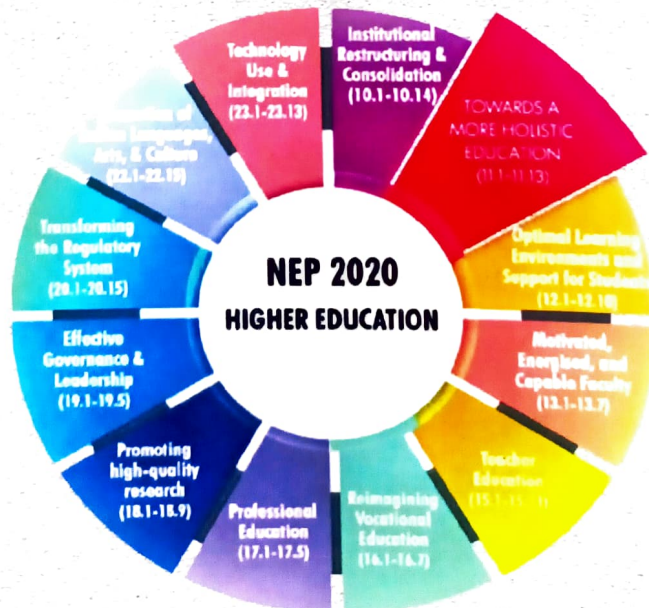


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Exploring the Role of Incubation and Innovation Centers in Enhancing Institutional Preparedness for the National Education Policy 2020 and NAAC Research and Academic Facilities

❖ Dr. Champa Ramkrishna Parab

Abstract

This paper aims to explore the role of incubation and innovation centers in enhancing institutional preparedness and the ways in which they can support the implementation of the National Education Policy 2020 and the improvement of research and academic facilities in India. The literature review includes studies that have been conducted on the role of incubation centers in higher education institutions and the ways in which they support innovation and entrepreneurship. The paper highlights the key factors that contribute to the success of incubation centers, including access to funding, mentorship, and networking opportunities. The paper also emphasizes the importance of incubation centers in higher education institutions in fostering innovation and entrepreneurship among students and faculty, as well as their role in promoting knowledge creation, research and development, and economic growth.

Keywords:- Incubation centers, innovation centers, higher education, National Education Policy 2020, NAAC, research, academic development, funding, mentorship, training, entrepreneurship.

I. Introduction

The National Education Policy 2020 and the National Assessment and Accreditation Council (NAAC) have set ambitious goals for the improvement of education in India. Incubation and innovation centers play a crucial role in helping institutions achieve these goals by providing resources and support for research and academic development. These centers offer a range of services, including funding, training, and mentorship, which can help institutions improve their

higher education institutions can foster innovation and entrepreneurship among students and faculty. The authors review studies from around the world and identify key strategies and best practices, including the use of incubation centers, entrepreneurship education programs, and mentorship.

A.K. Singh and A.K. Mishra (2019) – The author examines the role of entrepreneurship education and incubation in higher education institutions. The paper "Entrepreneurship Education and Incubation in Higher Education" title the authors review studies from around the world and identify key strategies and best practices, including the use of incubation centers, entrepreneurship education programs, and mentorship.

A. Vlachos and G. Papakostas (2020) - "The Role of Incubation Centers in Supporting Innovation and Entrepreneurship in Higher Education" , This study explores the role of incubation centers in supporting innovation and entrepreneurship in higher education. The authors review the literature on the subject and identify the key factors that contribute to the success of incubation centers, including access to funding, mentorship, and networking opportunities.

A.K. Singh and A.K. Mishra (2021) - "Entrepreneurship Education and Incubation in Higher Education" the author examines the role of entrepreneurship education and incubation in higher education institutions. The authors review studies from around the world and identify key strategies and best practices, including the use of incubation centers, entrepreneurship education programs, and mentorship.

Papagiannidis and D.S. Chatzoglou (2019) - "Incubation centers as a tool for promoting innovation and entrepreneurship in higher education" This study examines the role of incubation centers in promoting innovation and entrepreneurship in higher education institutions. The authors review the literature on the subject and identify key strategies for success, including the provision of funding, mentorship, and networking opportunities.

K. Singh and A.K. Mishra (2020) – The author examines the ways in which higher education institutions can foster entrepreneurship and innovation among students and faculty. The authors review studies from around the world and identify key strategies and best practices, including the use of incubation centers, entrepreneurship education programs, and mentorship. "Entrepreneurship and Innovation in Higher Education."

S. Raza and A.K. Singh (2021) - "The role of incubation centers in promoting entrepreneurship and innovation in higher education examines the role of incubation centers in promoting entrepreneurship and innovation in higher education institutions. The authors review studies from around the world and identify key strategies for success, including the provision of funding, mentorship, and networking opportunities. They also discuss the challenges faced by incubation centers and suggest ways to overcome them.

N.K. Singh and A.K. Mishra (2021) – The author examines the ways in which higher education institutions can foster innovation and entrepreneurship among students and faculty. The authors studies from around the world and identify key strategies and best practices, including the use of incubation centers, entrepreneurship education programs, and mentorship

These are some of the literature reviews and studies on the topic "Exploring the Role of Incubation and Innovation Centers in Enhancing Institutional Preparedness for the National Education Policy 2020 and NAAC Research and Academic Facilities". These studies highlights the importance of incubation centers in fostering innovation and entrepreneurship in higher education, and the ways in which they can support the implementation of the National Education Policy 2020 and the improvement of research and academic facilities.

IV. Objectives

- To review the literature on the subject of incubation centers in higher education institutions and identify key themes and challenges faced by these centers.
- To examine the role of incubation and innovation centers in enhancing institutional preparedness for the National Education Policy 2020 and the improvement of research and academic facilities in India.
- To explore the importance of incubation and innovation centers foster a culture of innovation and creativity within the institution and connect students and faculty with the broader innovation ecosystem in the community.
- To explore the role of incubation and innovation centers in enhancing institutional preparedness for the national education policy 2020 and naac research and academic facilities
- To evaluate the role of universities in knowledge creation, research and development, and economic growth

V. Importance of Incubation Centre In Universities

Incubation centers in higher education institutions play a crucial role in fostering innovation and entrepreneurship among students and faculty. They provide a range of resources and support that help to turn ideas into successful businesses or research projects. Some of the key benefits of incubation centers in higher education include:

- Encouraging entrepreneurship: Incubation centers provide students and faculty with the resources and support they need to start their own businesses or research projects. This can help to promote a culture of entrepreneurship within the institution and to develop the next generation of business leaders and entrepreneurs.
- Enhancing research and innovation: Incubation centers provide access to equipment, facilities, and funding that can help researchers and students to develop and test new ideas. This can lead to breakthroughs in a wide range of fields, from technology and medicine to the arts and social sciences.
- Promoting collaboration: Incubation centers bring together students, faculty, and community members with different backgrounds and expertise. This can lead to cross-disciplinary collaborations and the development of new partnerships and networks.
- Improving employability: Students who participate in incubation programs gain valuable skills and experience that can help them to stand out in the job market. This can improve their employability and increase their chances of finding a job after graduation.
- Supporting economic development: Incubation centers can help to foster a culture of innovation and entrepreneurship within a region. This can lead to the creation of new businesses, jobs, and economic growth.

Overall, Incubation centers in higher education institutions play a vital role in fostering innovation, encouraging entrepreneurship, and promoting economic development. These centers create an ecosystem where students and faculty can develop, test and commercialize their ideas, which helps in the overall development of the nation.

VI Role Of Incubation And Innovation Centers In Enhancing Institutional Preparedness For The National Education Policy 2020 And Naac Research And Academic Facilities"

Incubation and innovation centers play a critical role in enhancing institutional preparedness for the National Education Policy 2020 and National Assessment and Accreditation Council (NAAC) research and academic facilities. These centers provide a range of resources and support for student and faculty entrepreneurs, start-ups, and researchers to develop and commercialize their ideas. These centers aim to foster a culture of innovation and creativity within the institution and to connect students and faculty with the broader innovation ecosystem in the community.

The National Education Policy 2020 and the NAAC have set ambitious goals for the improvement of education in India. Incubation and innovation centers can help institutions achieve these goals by providing resources and support for research and academic development. These centers can help institutions to improve their preparedness for the National Education Policy 2020 and the NAAC's research and academic facilities assessment.

One of the key roles of incubation centers in enhancing institutional preparedness is providing funding for research and academic projects. These centers often have access to a variety of funding sources, such as grants and venture capital, which can help researchers and students to develop and test new ideas. This can lead to breakthroughs in a wide range of fields, from technology and medicine to the arts and social sciences.

Incubation centers also provide access to mentorship and training opportunities. These centers often have a network of experienced entrepreneurs and business leaders who can provide guidance and support to students and faculty. This can help to develop the next generation of business leaders and entrepreneurs.

In addition, incubation centers promote collaboration among students, faculty, and community members with different backgrounds and expertise. This can lead to cross-disciplinary collaborations and the development of new partnerships and networks. This can also lead to the creation of new businesses, jobs, and economic growth.

Furthermore, students who participate in incubation programs gain valuable skills and experience that can help them to stand out in the job market. This can improve their employability and increase their chances of finding a job after graduation.

Incubation and innovation centers play a crucial role in enhancing institutional preparedness for the National Education Policy 2020 and NAAC Research and Academic Facilities. These centers provide a range of resources and support for student and faculty entrepreneurs, start-ups, and researchers to develop and commercialize their ideas. By providing funding, mentorship, training, and access to equipment and facilities, incubation centers can help institutions improve their preparedness for the National Education Policy 2020 and the NAAC's research and academic facilities assessment, fostering a culture of innovation and creativity within the institution and connecting students and faculty with the broader innovation ecosystem in the community.

VII Role Of Universities In Knowledge Creation, Research And Development, And Economic Growth

Knowledge always remains an attractive area to explore for researchers with an extensive background. Marshall (1920) describes knowledge as a productivity enhancer whereas the transfer of knowledge is esteemed as incentives for competitiveness and resource acquisition for firms by working in close interaction. Nonetheless, knowledge produced does not become viable for economic development until transferred to firms with significant effort and cost (Arrow, 1962).

Universities play a vital role in knowledge creation, research and development, and economic growth. They are the primary institutions that drive the creation of new knowledge through research and development (R&D) activities. Universities conduct research in a wide range of fields, such as science, technology, medicine, engineering, and the humanities. The knowledge generated through this research is disseminated through publications, conferences, and other means, making it available to other researchers, students, and the general public.

Universities also play a critical role in developing human capital. They provide education and training to the next generation of scientists, engineers, and professionals, equipping them with the skills and knowledge necessary to drive innovation and economic growth.

Universities also have a direct impact on economic growth through their engagement with industry. They collaborate with companies and organizations to transfer knowledge and technology, which helps to promote innovation and competitiveness. These collaborations can take the form of research partnerships,

technology transfer, and knowledge exchange programs. They also promote entrepreneurship by providing support and resources to students and faculty who wish to start their own companies.

In addition, Universities also play a significant role in promoting the development of clusters and ecosystems. Clusters are geographic concentrations of interconnected companies and institutions in a particular field, linked by commonalities and complementarities. Universities are often central actors in these clusters, providing the knowledge and human capital necessary for cluster development, as well as the research and development to foster innovation.

Overall, Universities are key institutions that drive knowledge creation, research and development, and economic growth. Their research and education activities generate new knowledge and develop human capital, while their engagement with industry helps to transfer knowledge and technology, promoting innovation and competitiveness. Additionally, their role in promoting clusters and ecosystems contribute to the overall economic.

VIII Suggestions

- Incubation and innovation centers should be established and supported by institutions to foster a culture of entrepreneurship and innovation among students and faculty.
- These centers should provide resources and mentorship to help students and faculty develop and commercialize their ideas.
- Incubation and innovation centers should also serve as a link between institutions and industry, facilitating internships, research collaborations, and job opportunities for students and faculty.
- Institutions should ensure that their incubation and innovation centers are aligned with the National Education Policy 2020, specifically in terms of promoting multidisciplinary education and industry-relevant skills.
- Incubation and innovation centers should also be involved in the assessment and accreditation process of the National Assessment and Accreditation Council (NAAC) by showcasing the research and academic facilities and achievements.
- Institutions should also consider creating a dedicated funding mechanism for incubation and innovation centers to support the research and development work of students and faculty.

- Regular training, workshops and seminars for students, faculty and staff on the latest trends in innovation, entrepreneurship and industry-academia collaborations should also be organized by the Incubation and innovation centers.
- Incubation and innovation centers should also be made open to the public, allowing members of the community to participate in the entrepreneurial ecosystem and benefit from the resources and expertise available at the institution.
- Incubation and innovation centers should actively seek out partnerships with other institutions and organizations to expand their resources and reach, and to foster a sense of community and collaboration among innovators and entrepreneurs.
- Incubation and innovation centers should also be involved in organizing and hosting events, such as hackathons, pitch competitions, and workshops, to promote innovation and entrepreneurship among students and faculty.
- Incubation and innovation centers should work closely with the career services office at the institution to ensure that students and faculty are aware of the opportunities available to them in the entrepreneurship and innovation ecosystem.
- Institutions should encourage their faculty members to engage with the incubation and innovation centers and to participate in the development and mentorship of student projects and startups.
- Incubation and innovation centers should have a clear and transparent process for evaluating and selecting ideas and projects to be supported, and should provide regular feedback and progress reports to the students and faculty involved.
- Incubation and innovation centers should also be encouraged to provide support for the development of social enterprise and impact ventures to help address pressing social and environmental challenges.

XI Conclusion and Findings

In conclusion, this paper has highlighted the important role that incubation and innovation centers play in enhancing institutional preparedness for the National Education Policy 2020 and the improvement of research and academic facilities in India. These centers provide crucial resources and support for student and faculty

entrepreneurs, start-ups, and researchers to develop and commercialize their ideas. By offering funding, mentorship, training, and access to equipment and facilities, incubation and innovation centers help institutions foster a culture of innovation and creativity within the institution, connect students and faculty with the broader innovation ecosystem in the community, and support the implementation of the National Education Policy 2020 and the improvement of research and academic facilities. The findings of this paper suggest that it is essential for institutions to establish and support incubation and innovation centers in order to achieve the ambitious goals set by the National Education Policy 2020 and the National Assessment and Accreditation Council (NAAC). Furthermore, universities have an important role to play in knowledge creation, research and development, and economic growth, and incubation and innovation centers can play a key role in supporting these objectives. In conclusion, the paper has provided a thorough examination of the role of incubation and innovation centers in enhancing institutional preparedness for the National Education Policy 2020 and the improvement of research and academic facilities in India. The paper highlights the importance of these centers in fostering a culture of innovation and entrepreneurship and the ways in which they can support the implementation of the National Education Policy 2020 and the improvement of research and academic facilities. The findings of this paper can be used to guide the establishment and support of incubation and innovation centers in higher education institutions in India.

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