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ELEVATING STANDARDS: PROVIDING QUALITY HIGHER EDUCATION IN TELANGANA

¹Dr. Gedam. Kamalakar and ²Dr. Kandi Kamala

¹ Post-Doctoral Fellow ICSSR, Department of Political Science, Dr. B.R. Ambedkar Open University, Hyderabad, Telangana, India

²Assistant Professor, Dept. of Political Science, Government Degree College for Women (Autonomous) Begumpet, Hyderabad, Telangana, India

Abstract

Telangana, a rapidly developing state in India, is committed to transforming its higher education landscape to meet the demands of the 21st century. This abstract outlines the key strategies and initiatives being implemented to elevate educational standards and ensure that students receive a world-class learning experience. This paper explores the efforts and strategies implemented to elevate the standards of higher education in Telangana, focusing on the challenges and opportunities encountered in delivering quality education. Over the past decade, Telangana has taken significant steps to enhance its higher education system by improving infrastructure, curriculum, teaching methodologies, and fostering collaborations with national and international institutions. The introduction of state-specific initiatives, such as the Telangana Academy for Skill and Knowledge (TASK), along with reforms in university governance, accreditation processes, and the promotion of research and innovation, has played a crucial role in improving educational outcomes. The paper also delves into the socio-economic impact of these improvements, particularly the increased employability of graduates, their contributions to the local economy, and the role of emerging institutions like Young India Skill University. By addressing both the successes and ongoing challenges, this study aims to provide insights into how quality higher education can be a catalyst for regional development and social mobility in Telangana.

Keywords: Higher education reforms, Quality education, Skill development, Educational infrastructure, Curriculum innovation, Employability skills, Public-private partnerships,

Introduction

Telangana, the youngest state of India, has made remarkable strides in the field of higher education since its formation in 2014. Driven by a vision to equip its youth with the skills and knowledge necessary to compete in a globalized world, the state has prioritized the development of its educational infrastructure. With a focus on inclusivity, accessibility, and excellence, Telangana has not only expanded its higher education network but also raised the quality of education provided. Institutions of higher learning, ranging from traditional universities to specialized skill development centers, are now playing pivotal roles in shaping the state's future workforce.

The need for quality education is particularly crucial in an era where rapid technological advancements are transforming industries. Telangana's government has actively encouraged the integration of technology in higher education, fostering innovative teaching methods and promoting research in areas like engineering, biotechnology, and information technology. These efforts are in line with Telangana's broader vision of becoming a hub for education, research, and entrepreneurship in India.

In addition to establishing new institutions, such as Young India Skill University, Telangana has focused on improving existing universities and colleges. Programs aimed at enhancing faculty development, modernizing curricula, and building world-class research facilities have been key to elevating educational standards. The state's proactive policies also emphasize bridging the gap between rural and urban education by improving access for students from disadvantaged communities.



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This drive for excellence in higher education not only meets the aspirations of Telangana's youth but also aligns with the state's goal of economic and social development. By producing a skilled and knowledgeable workforce, Telangana is better positioned to attract investments, create jobs, and improve the quality of life for its people. The narrative of elevating higher education standards in Telangana is one of both challenge and achievement, and it serves as a model for other states striving for educational reform in India.

This paper aims to explore the ongoing initiatives, challenges, and successes in Telangana's journey toward providing quality higher education, analyzing its impact on students, society, and the economy at large. Telangana, a state in India, has witnessed remarkable growth and development in recent years. As the state continues to evolve, the demand for quality higher education has become increasingly paramount. To meet this growing need, Telangana is implementing a comprehensive plan to elevate its educational standards and ensure that its students receive a world-class learning experience.

This paper will delve into the various initiatives and strategies being undertaken to enhance the quality of higher education in Telangana. It will explore the challenges faced by the state's educational system and discuss the innovative solutions being implemented to address them. By examining the progress made and the future outlook, this paper aims to provide a comprehensive understanding of Telangana's commitment to providing quality higher education.

India's higher education system has seen unprecedented expansion in recent years. The question therefore needs to be answered: How are the consequences of the massive expansion in higher education shared across different groups? Drawing on evidence, this article argues that, while state development has improved access to higher education for all segments of the population, it is interesting to recognize that progress has been disparate, and that regional and socioeconomic disparities persist. In addition, access to important institutions and disciplines (such as science and engineering) is limited to those from the most privileged backgrounds. The widespread inequalities in access to higher education across groups also determine the outcomes of employment, income and unemployment in a similar way for subsequent generations. Success in achieving equality has been further hampered by poor academic performance and under-representation of students in colleges and universities. The prevalence of a culture of exclusion in schools and the ineffectiveness of institutional processes to deal with diversity issues lead to unequal performance, poor learning outcomes and entrepreneurship for students from disadvantaged groups. It is argued that effective public policies and institutional strategies can help achieve equality in higher education and promote equality in student learning and work outcomes. The importance of universities is the need to develop strategies to address diversity issues, thus establishing relationships with top universities in India.

In its endeavour to make free, quality education accessible to all, Telangana government established a large number of public, higher educational institutions in the State since formation of State in 2014. From establishing government junior and degree colleges to technical educational institutions, the State government laid equal emphasis on access and equity, besides free, quality education particularly for students from rural backgrounds. Statistics show a staggering 20 government junior colleges commenced in the last 10 years. The current number of junior colleges stands at 420, providing quality education to the students in both general and vocational Intermediate streams. With education being extended free, the State government commenced free distribution of textbooks as well to students of the government junior colleges from the academic year 2023-24. Free coaching for competitive entrance examinations has been reaping positive results with several students bagging seats in the premier institutions like IITs, NITs and AIIMs, besides engineering colleges every year.

To elevate standards and provide quality higher education in Telangana, the objectives may focus on several key areas aimed at fostering academic excellence, inclusivity, and innovation. Below are some suggested objectives:



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Objectives for Elevating Standards in Higher Education in Telangana:

1. Enhance Curriculum Relevance: Ensure that curricula across higher education institutions are industry-relevant and updated to match global standards, preparing students for current and future job markets.
2. Improve Access to Education: Increase the accessibility of higher education for students from marginalized communities, rural areas, and economically weaker sections through scholarships, financial aid, and digital learning initiatives.
3. Global Collaborations and Partnerships: Build partnerships with top universities and institutions around the world to bring global best practices to Telangana's higher education system, including faculty and student exchange programs.
4. Technology Integration in Learning: Promote the integration of technology in teaching and learning through digital platforms, virtual labs, and smart classrooms to make education more engaging, accessible, and effective.
5. Employability and Skill Development: Align higher education programs with the needs of industries to improve employability by incorporating skill development programs, internships, and real-world problem-solving projects.
6. Inclusive and Holistic Education: Promote inclusive educational practices that cater to diverse learning needs and holistic development of students by focusing on soft skills, critical thinking, and ethical values.
7. Quality Assurance and Accreditation: Strengthen the system of quality assurance by ensuring that institutions meet national and international accreditation standards, leading to a more accountable and transparent higher education system.

As per 2011 census, in Telangana, 57.3% of the rural population were literates where as urban literacy rate was 81.1%; gap in the literacy rate between urban-rural is 23.84% in Telangana, as against the All India Urban-Rural literacy gap of 16.3%. Male literacy rate in the state was 75.04 and female literacy rate was 57.99. Male- Female literacy gap was 17.05 percent which was higher than the all India Male - Female literacy gap of 16.68 percent. Literacy rates were lower among SC and ST communities as compared to other communities. While overall literacy rate was 66.5 percent, corresponding rates among SC and ST communities were 58.9 percent and 49.5percent respectively in the year 2011.



School Education:

To make effective and meaningful implementation of the fundamental right to education, elementary education was brought under "Sarva Siksha Abhiyaan" (SSA) to universalize elementary education. Similarly, secondary education has been brought under the flagship "Rashtriya Madhyamik Siksha Abhiyaan" Programme (RMSA). These two schemes aim to strengthen school education in terms of access, enrolment, retention and quality. The Government is committed to achieving total enrolment by 2017 and for this several schemes have been initiated for bringing about both quantitative and qualitative improvement.



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Telangana has a discouraging literacy rate. With 66.5 % of the population were literates during 2011 and the State was categorised as a middle level of literacy State. Hyderabad and Rangareddy stood in the first and second positions with 83.2% and 75.9 % literacy respectively and Mahboobnagar with 55 % ranked 10th. Improvement in literacy between 2001 and 2011 was 8.5 percentage points. Challenges facing students from rural areas who manage to reach high school tend to include weak foundations laid in primary years, unavailability of resources in their own languages, isolation and poor access to learning opportunities and lack of qualified teachers.

Literacy Rates among various groups in Telangana and All India

SN.NO	Groups	Telangana%	All India
1	Male	75.04	80.88
2	Female	57.99	64.63
3	Total	66.54	72.98
4	Rural Area	57.30	67.77
5	Urban Area	81.09	84.11
6	Scheduled Castes	58.90	66.07
7	Scheduled Tribes	49.51	58.95

Source: Census of India, 2011

Literacy Status in the Districts

Hyderabad stands at top with 83.2 % literacy rate and Jogulamba Gadwal district stands at the bottom with 49.9 %. Among all the districts, 5 districts viz. Hyderabad, Mechal- Malkajgiri, Warangal Urban, Rangareddy and Karimnagar are above the stat average of 66.54 % and the remaining 26 districts have below the State average. The government is putting serious efforts in those 26 districts of low literacy rates, to bring them on par with other districts.

Inequalities in Access to Higher Education in India:

Empirical Evidence Equity has been an important concern in the expansion of higher education in India (Varghese, Sabharwal and Malish, 2018). The strategies followed in India include measures to reduce regional inequalities in the provision of institutions and infrastructure, reservation policies, relaxation in admission criteria, and financial support for the disadvantaged groups. Based on the data provided in the 52nd, 64th and 71st Rounds of the National Sample Survey Organisation (NSSO), the following paragraphs in the paper discuss the changes in the equity dimensions. The 71st Round refers to the period between January and July2014, the 64th Round refers to the period between July 2007 and June 2008, and he 52nd Round of the NSS pertains to the period between July 1995 and June 1996. In addition, we have relied on other sources such as the All India Survey of Higher Education carried out by the Ministry of Human Resource Development (MRRD). The discussions on equity in higher education consist of challenges relating to regional, social and gender inequalities.

New Challenges in Telangana

Elevating the standards of higher education in Telangana involves addressing a range of new challenges as the state continues to grow as a hub for educational institutions. Here are some of the key challenges and potential strategies to address them:



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Access and Equity

Challenge: Despite efforts to improve access to education, disparities exist based on geographic location, gender, and socioeconomic status. Solution: Strengthening scholarship programs, setting up more institutions in rural areas, and offering flexible learning options like online education can help bridge these gaps.

Curriculum Relevance

Challenge: Rapid technological advancements and evolving job markets require curricula that align with current and future industry needs. Solution: Regular updates to course content, incorporating emerging fields like AI, data science, and sustainable development, as well as stronger collaboration between industry and academia, can ensure students are well-prepared for the workforce.

Faculty Development

Challenge: Recruiting and retaining qualified faculty members, particularly in emerging fields, is a growing concern. Solution: Continuous professional development programs, better incentives, and promoting research-based careers can attract high-quality educators.

Infrastructure and Technology Integration

Challenge: Many institutions face challenges in integrating modern technology into classrooms and research labs, which hinders the quality of education. Solution: Increased government and private investment in digital infrastructure, smart classrooms, and well-equipped labs are essential. Institutions should focus on hybrid and blended learning models to offer flexible and comprehensive learning experiences.

Research and Innovation

Challenge: While Telangana has several higher education institutions, the output of world-class research and innovation remains limited. Solution: Encouraging more research funding, developing partnerships with industries, and creating innovation hubs can elevate the research profile of universities. Also, collaboration with global institutions for joint research programs can help build capacity.

Student Employability

Challenge: Even as graduates increase in number, employability remains a concern. Many students face a gap between theoretical knowledge and practical industry skills. Solution: Expanding internships, industry projects, and apprenticeship programs in collaboration with businesses can provide students with hands-on experience. Offering courses in entrepreneurship and critical thinking can also prepare students for self-employment.

Global Competitiveness

Challenge: Competing with global education standards and attracting international students or collaborations is still a developing area for many institutions. Solution: Improving international rankings through enhanced research, developing a global curriculum, and encouraging faculty and student exchange programs can elevate Telangana's global educational standing.



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Sustainability and Social Responsibility

Challenge: Balancing rapid educational expansion with sustainability goals and social responsibilities, especially with environmental concerns and inclusive education models. Solution: Institutions should focus on sustainability in campus development, as well as fostering a socially responsible curriculum that emphasizes ethics, environment, and community engagement.

Autonomy and Governance

Challenge: Limited autonomy in decision-making can impede universities' ability to innovate and respond to changing academic and industry needs. Solution: Increasing autonomy in curriculum design, hiring, and administrative processes can allow institutions to be more flexible and responsive.

Financing Higher Education

Challenge: With increasing costs of education and limited public funding, financing higher education remains a challenge. Solution: Encouraging public-private partnerships, endowments, and foreign collaborations can supplement government funding, helping to maintain and enhance the quality of education. Addressing these challenges is key to elevating the standards of higher education in Telangana and preparing the state's students to succeed in a globally competitive environment.

Conclusion

In this globalized world, for promoting social security through development in education, economic as well as social life, we need to enhance the skills and capacities of the vibrant human resources of our country. So ensuring the accessing of higher education by all (in order to create knowledge economy) should be the priority agenda for the Government as well as for the various private bodies in India. Apart from the prominent role of conventional system of education, open and distance learning should be ensured and promoted in order to reduce the various disparities in education, enhancement of the skills of the people and their absorption in the various sectors of the economy, to provide education for the learners who are deprived as well as for those who wants to pursue further education, to further and intensify the process of democratization of education, etc. In fact, distance and open learning is an important strategy that can promote accessibility and equity particularly in higher education in our country. Quality of education is also another issue that has to go hand in hand with promotion of accessibility. Because, if quality is compromised with, education will not be able to ensure human resource development adequately and hence fall utterly short of contributing to all round development. elevating the standards of higher education in Telangana requires a multi-faceted approach, focusing on improving infrastructure, faculty development, and curriculum modernization. The state's commitment to promoting innovation, research, and skill development evidenced by initiatives like the Young India Skill University sets a solid foundation for achieving global educational standards. Enhancing partnerships with industry, expanding opportunities for marginalized communities, and ensuring affordability are crucial to creating a more inclusive and competitive higher education system. By fostering a culture of excellence and continuous improvement, Telangana can position itself as a leader in quality education, empowering students to thrive in the global knowledge economy.

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