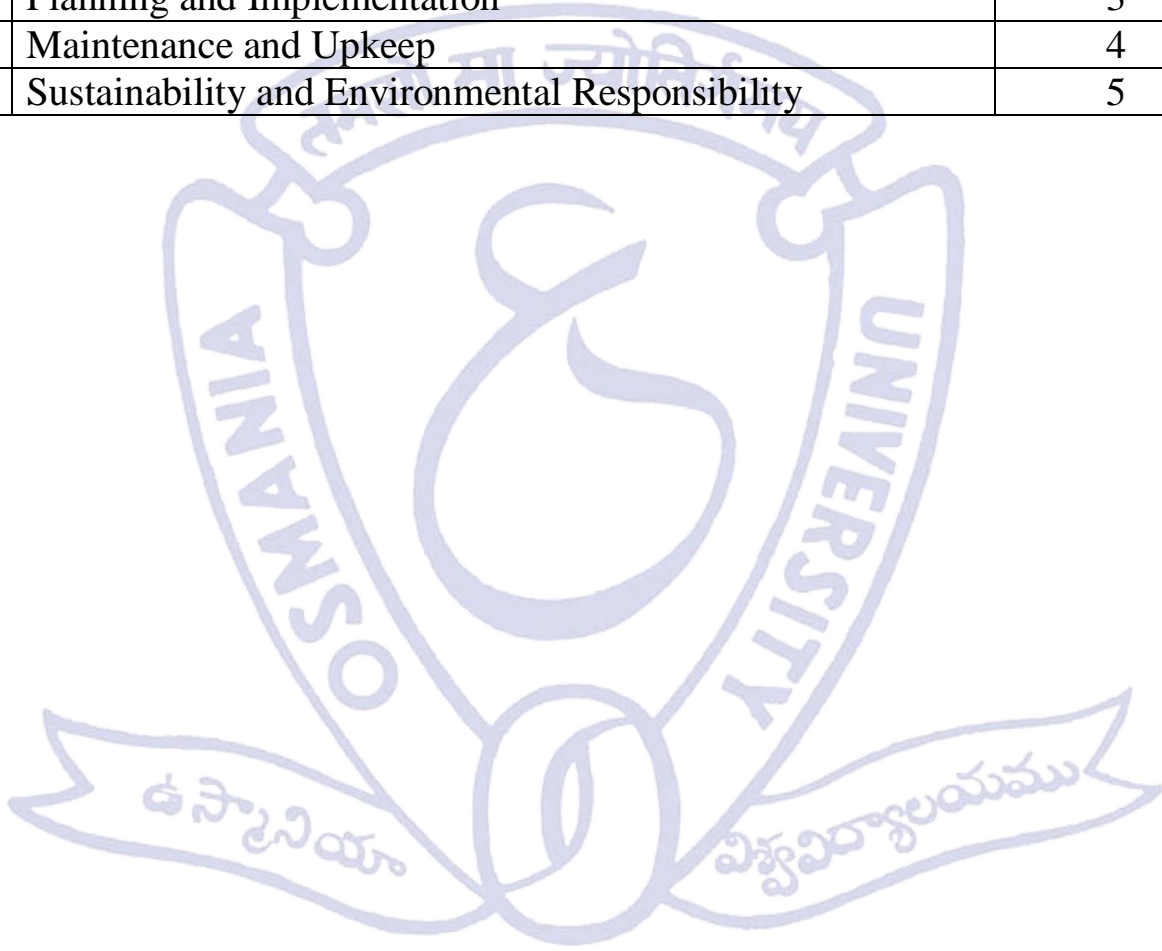


## Infrastructure Policy of Osmania University

<b>Title</b>	Osmania University Infrastructure Policy	
<b>Effective year</b>	2023	
<b>Issuing Authority</b>	Registrar, Osmania University, Hyderabad	
<b>Drafting Officials</b>		
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Dr. A. Vijaya Bhasker Reddy, Coordinator, IQAC, OU	Convener	
Prof. K.L. Radhika, Department of Civil Engineering, UCE, OU	Special Invitee	
<b>Purpose of this Policy</b>		
<p>The purpose of this Infrastructure Policy document is to provide a comprehensive framework that outlines the principles, objectives, planning &amp; implementation, upgradation, maintenance and up keeping of Osmania University's overall infrastructure for sustainable development. It aims to ensure the creation of a conducive environment for academic excellence, research innovation, and inclusivity while adhering to quality, sustainability, safety, and technological advancement standards.</p>		

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## 1. Preamble

In the realm of higher education, the physical infrastructure of a university serves as the foundation upon which academic excellence and research innovation are built. Osmania University, with a legacy of commitment to knowledge, recognizes the paramount importance of strategically planned and efficiently managed infrastructure.

The Preface to the Infrastructure Policy Document signifies our dedication to provide a learning environment that fosters academic growth, inclusivity, and technological advancement. Our infrastructure policies are not just blueprints; they are the embodiment of our values, aspirations, and a commitment to the holistic development of our academic community.

This document sets forth the guiding principles, strategies, and objectives that will shape the physical landscape of our university. We believe in quality and sustainability, accessibility and inclusivity, safety and security, technology integration, and a future-ready approach. These principles form the bedrock of our infrastructure vision.

Our objectives are ambitious yet essential: to modernize, expand, facilitate groundbreaking research, create student-centric spaces, embrace green initiatives, implement smart technologies, and preserve our architectural heritage. These objectives reflect our commitment to meeting the evolving needs of education and research.

In planning and implementation, we stress comprehensive master planning, multi-stakeholder collaboration, responsible budget allocation, effective project management, quality control, and regulatory compliance. We recognize that the efficient upkeep of existing infrastructure is as crucial as new developments. Our commitment to sustainability and environmental responsibility is unwavering, encompassing green building standards, waste management, biodiversity preservation, and water conservation.

This Infrastructure Policy Document encapsulates Osmania University's resolve to provide a robust, modern, and sustainable physical infrastructure that aligns harmoniously with its educational and research aspirations. We pledge to create an enriching and inclusive environment for all stakeholders, setting a precedent for excellence in academia and research infrastructure. Together, we build not just structures but a foundation for knowledge, innovation, and progress.

## 2. Introduction

Osmania University recognizes the pivotal role of a well-designed and efficiently managed infrastructure in fostering academic excellence, research innovation, and a conducive learning environment. This Infrastructure Policy document outlines the guiding principles, strategies, and objectives that govern the planning, development, and maintenance of the university's overall infrastructure.

## 3. Guiding Principles

- i. **Quality and Sustainability:** Ensuring that all infrastructure projects adhere to quality standards and incorporate sustainable design principles.
- ii. **Accessibility and Inclusivity:** Creating facilities that are accessible to all individuals, including those with disabilities, and promoting an inclusive campus environment.
- iii. **Technology Integration:** Integrating cutting-edge technologies to enhance the learning experience, research capabilities, and administrative processes.
- iv. **Safety and Security:** Prioritizing the safety and security of students, faculty, staff, and visitors in all infrastructure endeavors.
- v. **Flexibility and Future-Readiness:** Designing spaces that can adapt to changing needs and accommodate future growth and advancements.

## 4. Objectives

- i. **Historic Preservation:** Preserving and restoring heritage structures to maintain the university's historical and architectural identity.
- ii. **Expansion:** Strategically expanding infrastructure to accommodate the evolving needs of academic programs and research initiatives.
- iii. **Student-Centric Spaces:** Designing student-centric spaces that facilitate collaboration, creativity, and holistic development.
- iv. **Research Facilities:** Developing state-of-the-art research facilities that enable groundbreaking research across disciplines.
- v. **Green Initiatives:** Incorporating sustainable and eco-friendly practices in construction, maintenance, and energy management.
- vi. **Smart Campus:** Implementing smart technologies to enhance efficiency, security, and convenience across the campus.
- vii. **Modernization:** Continuously modernizing existing infrastructure to align with contemporary educational and research requirements.
- viii. **Digitalization:** Maintaining the record of university infrastructure including its buildings and lands along with revenue and survey records in digital form as well as physical form to ensure the safe custody and upkeep of such records.
- ix. **Preservation of rare manuscripts and library resources:** Taking steps to create backup copies of all the rare manuscripts, databases and books by digitalizing them and securing them in e-form.

## 5. Planning and Implementation

- i. **Comprehensive Master Plan:** Developing a comprehensive master plan that outlines the long-term vision for the university's physical infrastructure.
- ii. **Budget Allocation:** Allocating adequate funds for infrastructure development and maintenance, considering short-term and long-term needs.

- iii. **Project Management:** Implementing effective project management practices to ensure timely and cost-effective execution of projects.
- iv. **Quality Control:** Implementing rigorous quality control measures at every stage of construction to ensure adherence to standards.
- v. **Regulatory Compliance:** Ensuring that all infrastructure projects comply with local regulations, building codes, and environmental norms.
- vi. **Multi-Stakeholder Collaboration:** Involving faculty, students, staff, alumni and external experts in the planning and design process to ensure diverse perspectives in related activities.

## 6. Maintenance and Upkeep:

- i. **Assessment:** Regular assessment for evaluating the performance of overall infrastructure.
- ii. **Feedback:** Encouraging feedback from the university community to identify areas that require improvement or attention.
- iii. **Regular Maintenance:** Establishing a routine maintenance schedule to ensure that existing facilities remain functional and safe.
- iv. **Record keeping:** Maintaining the record of tangible and intangible assets of the university by ensuring Geo-tagging wherever feasible.
- v. **Transparency and accountability:** Ensuring access to the infrastructure in every unit of administration of the university and transparency in maintaining the records of infrastructure physically and digitally.
- vi. **Repairs and Renovations:** Identifying and addressing repair and renovation needs promptly to extend the lifespan of infrastructure.
- vii. **Innovation and Upgrades:** Regularly evaluating technological advancements and upgrading infrastructure.

## 7. Sustainability and Environmental Responsibility:

- i. **Green Building Standards:** Incorporating green building practices, energy-efficient designs, and renewable energy sources in construction.
- ii. **Waste Management:** Implementing effective waste management systems by reduction reuse and recycle to minimize environmental impact.
- iii. **Biodiversity Conservation:** Creating a campus environment that promotes biodiversity and natural habitats.
- iv. **Water Conservation:** Implementing water-efficient technologies and practices to conserve water resources.

This Infrastructure Policy document showcases Osmania University's commitment to creating a robust, modern, and sustainable overall infrastructure that aligns with its educational and research goals. By adhering to the principles and objectives outlined in this policy, the university aims to provide an enriching and inclusive environment for all its stakeholders.

