



# INSTITUTE OF HEALTH SCIENCES

(A Unit of Margdarsi)

Office : N-2/41, I.R.C. Village, Nayapalli, Bhubaneswar, Odisha - 751015, Ph. : 0674-2553640  
Campus : Chandaka, Bhubaneswar, Khordha, Odisha - 751024, E-mail : ihsbbsr@margdarsi.org, Web : www.ihs.ac.in



## Procedures for optimal resource utilization

### Assessment of Resources

- **Human Resources:** Evaluate faculty and staff expertise, workload, and professional development needs. Identify faculty with multiple specializations who can teach across various subjects.
- **Physical Resources:** Assess available classrooms, laboratories (e.g., anatomy, physiology, pharmacology), and clinical skills facilities (e.g., simulation labs, patient care setups).
- **Financial Resources:** Review the budget allocated for teaching materials, faculty salaries, equipment, research initiatives, and infrastructure maintenance.
- **Technological Resources:** Evaluate available educational technologies (e.g., Learning Management Systems, digital labs, online resources) and clinical equipment (e.g., diagnostic tools, patient simulators).

### 2. Establish Clear Goals and Priorities

- **Educational Goals:** Define academic and training goals for students (e.g., licensing exam success, competency in practical skills).
- **Research and Clinical Goals:** Set objectives for research contributions, community health outreach, clinical placements, and partnerships with hospitals or clinics.
- **Student Development:** Focus on creating a holistic student experience that includes academic learning, practical clinical experience, internships, and soft skills development.

### 3. Strategic Resource Allocation

- **Faculty and Staff Scheduling:** Ensure that faculty workload is balanced and based on expertise. Assign teachers to courses they are most skilled in to maximize teaching effectiveness.
- **Classroom and Lab Optimization:** Schedule classes and practical sessions efficiently. Ensure that labs and clinical spaces are used during peak hours to avoid underutilization.
- **Clinical Placements:** Partner with local hospitals, clinics, and healthcare centers to provide students with clinical placement opportunities, ensuring they receive hands-on experience with real patients.
- **Technology and Equipment Allocation:** Maximize the use of technology and equipment by scheduling usage and providing access to different departments or courses. Ensure that specialized equipment (e.g., ultrasound, ECG machines) is shared to prevent underuse.

  
Director  
Institute of Health Sciences  
Bhubaneswar

## 5. Maximizing Technological Resources

- **E-Learning Platforms:** Use an LMS to facilitate online lectures, assignments, and assessments, reducing the need for physical space and enabling flexible learning options.
- **Simulated Learning:** Incorporate virtual labs and simulation-based learning (e.g., virtual patient interactions, 3D anatomy visualizations) to supplement hands-on clinical training.
- **Telemedicine Resources:** If applicable, offer telehealth training and virtual patient care experiences, expanding opportunities for students without increasing physical space demands.

## 6. Collaborative Efforts and Cross-Department Utilization

- **Cross-Department Teaching:** Encourage faculty collaboration across different allied health disciplines (e.g., nursing, physiotherapy, occupational therapy) to share knowledge and teaching materials, thus optimizing teaching resources.
- **Interdisciplinary Projects:** Promote interdisciplinary learning through joint projects or workshops where students from various allied health fields work together. This makes more efficient use of both faculty and student time.

## 7. Resource Maintenance and Upgrades

- **Regular Equipment Maintenance:** Develop a maintenance schedule for equipment and facilities to ensure they are functioning optimally. This reduces the likelihood of downtime and costly repairs due to neglect.
- **Technological Upgrades:** Regularly assess the technological needs of the college. Investing in updated learning tools or diagnostic equipment can help improve resource utilization by offering more accurate and efficient ways to deliver education.

## 9. Continuous Improvement

- **Regular Audits:** Conduct annual or semi-annual audits of resource use across departments, looking for areas of improvement. This can help identify inefficiencies or gaps in resource allocation.
- **Faculty Development:** Ensure ongoing professional development for faculty, providing them with updated teaching methods, clinical expertise, and research skills. This increases their ability to make the most of available resources and enhances student learning.
- **Benchmarking:** Compare the college's resource utilization practices with other allied health institutions to identify best practices and areas for innovation.



Director  
Institute of Health Sciences  
Bhubaneswar