

Chapter 6

Physical Architecture of the CUHP

Guiding Principles:

- University shall strive to develop environment friendly and ecologically sustainable infrastructure.
- All buildings of the University will be designed and developed so as to preserve natural habitat, be appropriate to local conditions and be earthquake resistant.
- The entire infrastructure will include eco-friendly green buildings that are energy efficient.
- Architectural design and construction activities must aim at achieving zero damage to the ecology and environment. Infrastructure is to be planned and carved out in such a way so as to keep the green covers intact and undisturbed by the construction.
- Construction is to flow with the natural gradient of land with minimal need for levelling and to merge naturally with the given landscape and topography.
- Preservation and conservation of natural resources would be given due priority. Water harvesting, water recycling, sanitary facilities, garbage disposal facilities would be an integral part of physical planning of the university, its architectural design and campus layout.
- The challenge is to achieve ambience, elegance and grandeur around nature and natural surroundings. While use of local architecture and local material shall be emphasised, buildings will be designed to be maintenance free. Natural environment, forest and green cover are to be landscaped.

Zoning & Campus Layout:

- Master Plan of the University would clearly demarcate the institutional and residential areas and open spaces.
- All buildings are to be modular to provide for future expansion needs without disturbing the aesthetics.
- Institutional buildings would be so spaced as to ensure easy access and at the same time the future development needs of each School.
- Co-location of related Schools would be thoroughly planned to permit maximum resource sharing.
- Residential areas will be so located as to ensure privacy and independent access.
- Common facilities shall be so located as to ensure easy access to all internal stakeholders. At the same time, efforts will be made to make them independent of the academic buildings for access by outside users.

Physical Infrastructure:

University will strive to have state of the art infrastructure on both of its campuses. Each building is to be aesthetically designed and built to lasting impact. Each building of the university

shall be energy efficient, Once complete the two campuses of the university will have the following infrastructure:

- *Boundary, Fencing & Gates:* both the

campuses will have to be secured through boundary and fence

- *Campus Development:* road, water supply, power supply, campus beautification, drainage, garbage disposal, rainwater harvesting
- *Administrative Buildings:* reception, media, public relations, Offices of VC, PVC, Registrar, FO, COE
- *Students' Affairs:* Offices of Dean Students' Welfare, Foreign Students' Advisor, Proctor's Office
- *Training, Placement, Career Counselling, Industry Interaction:* Training & Placement Office, Career Counselling & Guidance Centre and Director International Relations
- *Academic & School Buildings:* Independent buildings for each of the 17 schools
- *Library & Information Resource Centre*
- *Central Facilities for Research & Training:* Computing & Information Technology Centre, Central Instrumentation Facility, Museum & Archives, Herbarium/ Botanical/ Herbal Garden
- *Facilities for Co-curricular & Extra-Curricular Activities:* Gymnasium, Swimming Pool &

Sports Complex, Art Gallery, Auditorium, Open Air Theatre

- *Amenities & Common Facilities:* Convocation Ground, Convention Centre, Community Centre, Shopping Complex, Health Centre & Dispensary, Central Canteens, Cafeterias/ Kiosks, Students' Activity Centre, Faculty Club, and Staff Club
- *Residence for Statutory Officers, Faculty & Staff:* Vice Chancellor, Pro-Vice Chancellor, Registrar, Finance Officer, Controller of Exams, Faculty Residences for Professors, Associate Professor, Assistant Professors, Staff Quarters for Group A & B Employees, Group C Employees, Staff Quarters for Group D Employees
- *Guest Houses & Transit Hostels:* Guest Houses, Scholars in Residence, Transit Hostels for Visiting & Young Faculty, Working Women Hostels
- *Hostels and Halls of Residence:* International Students' Hostel, Boys Halls of Residence, Girls' Halls of Residence
- *University School:* a Central School on each of the two campuses
- Details of the infrastructure requirements of the University are provided in Annexure E.