



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

4.1.1 THE INSTITUTION HAS ADEQUATE PHYSICAL FACILITIES FOR TEACHING – LEARNING, SKILLS ACQUISITION ETC.,

Response:

VISTAS – Vels Institute of Science Technology and Advanced Studies, is the result of two decades of dedicated efforts to continuously enhance and create an environment of all round growth for the students, and provide them necessary exposure and opportunities to become Industry –Ready, at national and international level.

A plush green state of the art campus of VISTAS is spread across 60 acres, fully equipped with technological infrastructure – Wi-Fi Internet, Computer centres, Labs and well-furnished classrooms. Academic and other infrastructure facilities are as per the Statutory Bodies norms such as MCI/INC/PCI/UGC/AICTE/BCI /NCTE /DGS.

The university culture strongly supports diversity and inclusion, it includes students and faculty from a wide variety of social, cultural and geographical backgrounds. This promotes flexibility, tolerance and adaptability, thus preparing the students to easily get accommodated in multinational environment and global workspaces.

VISTAS offers top-notch facilities, cutting-edge infrastructure, and a well-equipped library featuring the latest medical literature and journals for Allied Health Science Students. It have an experienced team of faculty members and consultants specializing in various Allied Health Sciences disciplines. The hospital also has a dedicated doctors, Staff Nurses and Paramedics. Moreover, it is equipped with state-of-the-art life support systems and cutting-edge technology to provide the best possible medical care.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



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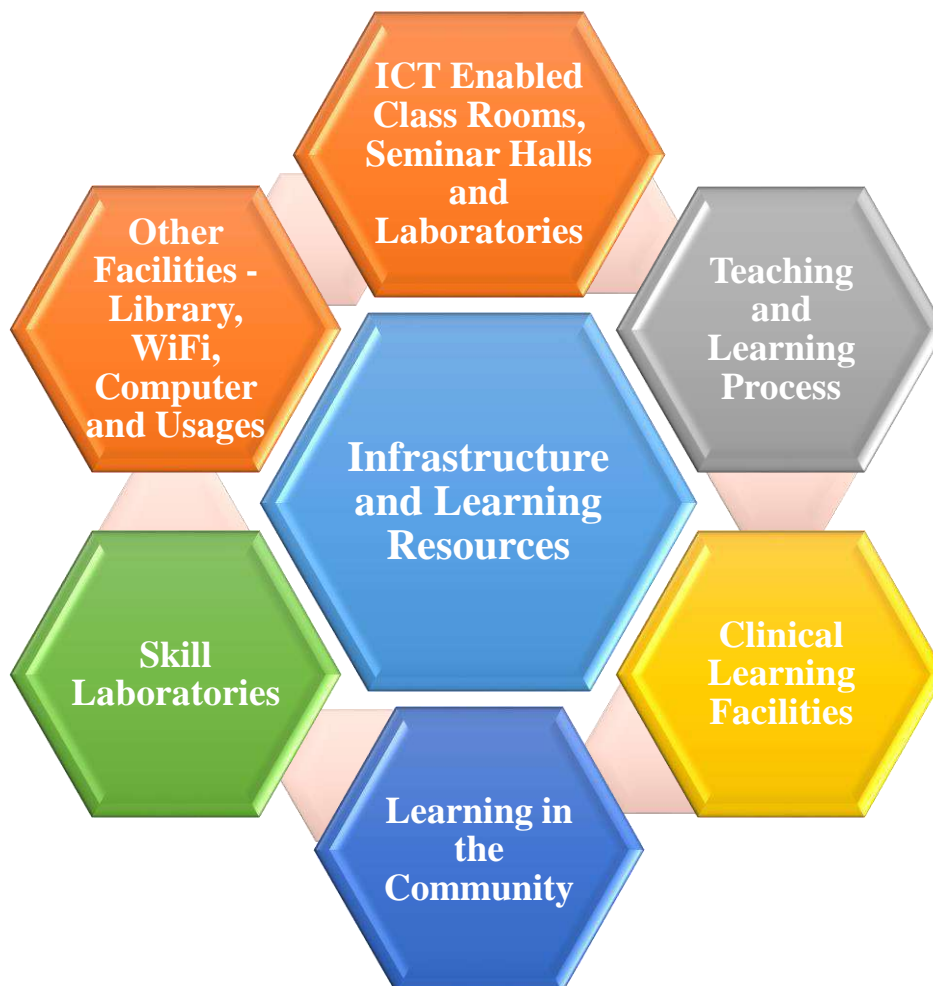
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A. Classrooms and Seminar Halls

There are 325 classrooms, 178 laboratories and 20 seminar halls with the most of the facilities like Audio-Video recording technology/Mobile technology Smart Board/LCD/Wi-Fi/LAN facilities

Impact of having the facilities:

- Recording of lectures/notes
- online instant quizzes using mobile apps
- Running of standard YouTube videos for better understanding of concepts

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B. Teaching-Learning process

- The Teaching-Learning process is made student-centric focusing on LMS, LCS, KMS, Blended Teaching, flipped class room model and e-Resources through Moodle. Most of the classes are installed with LCD projectors, thereby making it as Smart Class Rooms.
- All the NDL e-Resources are linked with the cell phone of students / teachers who have registered themselves. Lecture Capturing System is facilitated through Moodle Platform.
- Virtual Learning Centre and e-Knowledge Resource Centre are effectively feeding the students. Vels Subject Gateway Digital Portal provides access to MHRD Digital Initiatives such as SWAYAM, ePGPathshala, CEC, e-VidyaMitra, e-Kalpa, e- Acharya etc.
- VISTAS has provided adequate computers and software so that all learning is ICT enabled. An overall student computer ratio in laboratories ensure that students are adequately skilled as they emerge out of the portals of institute. Students have the option to take laptops on loan from the library too.

C. Clinical Learning Facilities

VISTAS Faculty of Medicine and Health Sciences has the following Units:

- Anatomy
- Physiology
- Biochemistry
- Microbiology
- Pathology
- Pharmacology
- Foundation lab
- Pediatric centre
- Preclinical lab

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- Obstetrics & gynecology centre
- Computer Assistance lab
- Community lab
- Central library
- Nutrition lab

Other VISTAS Resources

- Medical College and Research Center
- Nursing
- Pharmacy
- Physiotherapy
- Engineering

Each of the units has state of art facilities in the form of class rooms, laboratories and clinical learning facilities a few of which are highlighted:

- CT machine
- Ultrasound P9
- Vitek Compact 2
- 6 Partcell counter
- Tissue Processor
- Endoscopy System
- Anesthesia Workstation
- Opthal operating Microscope
- RNA extraction unit
- ENT operating Microscope
- Laproscopy system
- Diathermy
- Hamilton ventilators
- Oxygen plant

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D. Learning in the Community

- Department of General Medicine has conducted numerous outreach programs in nearby villages, schools and Colleges by spreading awareness of communicable and non communicable diseases. Health camps are being conducted regularly at village levels and educational institutes in support with Preventive and Social Medicine department.
- Partnering with the few of the best hospitals like Ponneri General hospital for the Empowerment of Person with Multiple Disabilities, Cheshire homes and an exclusive separate posting for community-based rehabilitation during their compulsory rotatory internship postings.
- The important aspect of the postings includes early screening, disability survey and disability identification, cost effective treatment through which students are enlightened and promote learning and social development work with individuals and groups through which they develop crucial skills like creativity, critical thinking, and problem-solving.
- Through various outreach programs, students actively participate in oral health camps, awareness campaigns, and community service initiatives. These experiences provide them with invaluable opportunities to interact with diverse populations, understand oral health disparities, and address the oral healthcare needs of underserved communities.
- School health program is being conducted regularly in various schools. This flagship program aimed to improve overall academic improvement, stress management, eradicating barrier in education and provide an overall inclusive education. Students visiting these places get an immersive learning experience and visualize various processes being adopted.

E. Skill Laboratories

The equipment to student ratio and the computer to student ratio are maintained as per Statutory Bodies norms. Online tests for more than 1000 students can be administered at

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one go. To strengthen Research facility, the following Centres have been established and are functioning well, such as Centre for Advanced Research and Development, Centre for Fish Immunology, Centre for Energy and Alternative Fuels, Centre for Materials Research, Centre for Automation and Energy Conservation, Centre for IOT Healthcare, Road Safety & Agriculture, Common Instrumentation Centre, Vels IPR Cell, VISTAS SPS Lab and Vels Incubation Centre.

- Fabrication lab at incubation Centre – E-lab to enhance coding skills
- Language laboratories
- AutoCAD laboratories
- Moot Courts
- Active learning laboratories
- Virtual laboratories
- Hands-on experience in farmlands for Agricultural students
- Computer Assisted Learning Laboratories (CAL)
- Advanced Cardiovascular Life Support laboratory
- Incubation Centre
- Central Instrumentation Centre
- Full Mission Bridge Simulator and Ship-in-campus for Marine and Nautical

F. Usage of facilities

A central processing unit coordinates the usage of laboratories so that students and faculty alike can book their slots as per their convenience. Research laboratories are open 24x7. A few of the software facilities can be operated from remote too.

The clean and green campus has all facilities such as Playgrounds, Hostels, IT Infrastructure including Wi-Fi facility, 24 hours Power backup, well equipped Centralized Library, Cafeteria, Bank, ATM and Auditoriums, Open air theatre and Seminar halls

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Facilities for the disabled students such as wheel chair, special toilet, ramps and lift are available. The University believes in continuous up-gradation of infrastructure including Library, Power backup, Internet bandwidth, Class rooms, furniture, etc., to meet the changing needs of academic environment.

Metric Number	Parameter	Link to the Relevant Document
4.1.1	Links for Geotagged photographs of the facilities	CLICK HERE
4.1.1	Links for teaching- learning and skills acquisition facilities in the Institution	CLICK HERE
4.1.1	Link for additional information	CLICK HERE

REGISTRAR

Registrar

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