

## **The institution has adequate facilities for teaching – learning**

The Institute was established in the year 2011. Since then the institute has focused on developing good infrastructure which will meet the specified requirements of statutory bodies. The physical infrastructure of the institute includes classroom, seminar halls, computer centre, language laboratory, Library, reading room, workshop, canteen, playground, parking area and hostel in the campus. The institute offers the following programs in its campus: Diploma Pharmacy (D. Pharm.), Bachelor in Pharmacy (B. Pharm.), Master in Pharmacy (M. Pharm.), Diploma programs in Civil, Electrical & Mechanical, under graduate Programs (B.E.) in Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer science Engineering, Electronics & Telecommunication Engineering, Post graduate programs (M. Tech) in Mechanical Engineering & Computer science engineering, Master of Business Administration, Master of Computer application. All these programs have adequate physical infrastructure as per the requirement of AICTE.

The institute follows norms provided by AICTE, Shivaji University, Kolhapur and Dr. Babasaheb Ambedkar Technological University, Lonere and pharmacy council of India, New Delhi. The institution constantly develops required infrastructure facilities. It has set of common practices to play in creation of infrastructure facilities. The budget is prepared with the coordination between faculties, HODs, Principal and Management and is submitted for the approval. Once it is approved the same is being implemented with the help of professionals in the respective field.

**Instructional Area: Class Room:** The institute has adequate number of class rooms to perform its academic activities. The total number of classrooms required are 28 occupying total area of 1848 sq.m., institute has 29 classrooms with area of 2306.92 sq.m. which is 458.92 sq.m. more than required.

**Tutorial Rooms:** The Institute has 15 Tutorial rooms occupying total area of 593 sq.m. As per the statutory bodies requirements the total area of tutorial rooms should be 561 sq.m.

**Seminar Halls:** The Institute has 07 Seminar halls occupying total area of 1178sq.m. As per the statutory bodies requirements the total area of seminar halls is 924 sq.m.

**Laboratories:** The institute has well established all the required laboratories for all the programs as stated by statutory bodies. The total required number of laboratories are 69 occupying total area of 4743 sq.m. where the institute has 70 labs occupying total area of 5568.1 sq.m.

**Research Labs:** The Master of Engineering & Master of Pharmacy program requires a Research laboratory of 120 sq.m. area. The same has been established in the campus which has total area of 150 sq.m.

**Workshop:** Engineering program requires a Workshop & Additional Workshop of 1000 sq.m. area. The same has been established in the campus which has total area of 1050 sq.m.

**Drawing Hall:** Engineering program requires a drawing hall of 132 sq.m. area. The same has been established in the campus which has total area of 195.75 sq.m

**Animal House:** The animal house has developed by the institution of 150 sq.m. which should be of 75 sq.m. as per the requirements mentioned by the statutory bodies. Animal house is necessary for pharmacy students to carry out their research work.

**Computer Centre:** The institute has well established computer centre of area 200 sq.m., which has 95 computers. The computer centre is common for all the programs and can be used by the students for the purpose of completing their academic activities. The sharing resources are used as per their requirement and availability.

**Library & Reading Room:** The physical infrastructure of institute also includes library & Reading room which occupies 620.10 sq.m of total area. The requirement of library & reading room is of 600 sq.m. as per the AICTE norms.

The common infrastructure facilities including amenities can be used for all the programs depending upon their availability and requirement. The classrooms, laboratories and workshops are open for the students and faculties around the clock to fulfill the academic need.

The total Instructional area is 12468.12 sq.m, Administrative area is 1875.47 sq.m., Amenities area 1021.68 sq.m. an Circulation area is 4871.158 sq.m. like total area which is covered by three buildings of Pharmacy, Engineering and Workshop is 20236.43 sq.m.

## **The institution facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities**

The institute with its regular academic activities keeps more emphasis on co-curricular and extracurricular activities. A sports ground of total 4000 sq.m area is available for outdoor games, The sports room is available for playing indoor games, yoga and meditation, A gymnasium hall (separate for girls and boys) is available which remains open for the students at all the time. The institute has National social services cell, Vishakha cell (women empowerment cell), health and hygiene facilities are available for students and staff. The institute also has all the required sports material in good condition and in good number. Regular sports activities are organized by the campus including inter college, University level and National level sports.

**Sports:** (Outdoor) Playground Area: 4000 sq.m    Year of establishment: 2011

The institute has well established playground for playing outdoor games which is spread in the area of 4,000 sq.m. The ground is surrounded by wall and trees. The various outdoor games which are played on the ground includes team games like Cricket, Baseball, Badminton, Basketball, Kabaddi, Kho-Kho, Volley ball, Throw ball. Athletics games which are played on the ground includes long jump, 100 mtr running, Javelin thru, Shot put.

**Sports:** (Indoor) Sports Room Area: 300 Sq.m.    Year of establishment: 2012

The institute has sports room where the indoor games can be played. Games like Carom, Chess Table tennis are played in the sports room. The institute has made available all the required sports Equipments and material for the same.

**Gymnasium:** The institute has well equipped Gymnasium for Girls and Boys Separately. The gymnasium has variety of Equipments Abdominal Bench, Barbells, Bench Press, Cables and Pulleys, Calf Machine, Dipping Bars, Dumb Bells, Hammer Strength Machine, Hyper Extension Bench, Incline, Bench Press, Leg Abduction Machine, Leg Extension Machine, Leg Press Machine, Pull Up Bar etc. The gymnasium hall aims at maintaining students physically stronger. The total area occupied by Boy's gymnasium hall is 200 sq.m. where the girls gymnasium hall is spread in 100 sq.m area.

**Yoga Centre:** The institute has also made available Yoga and meditation centre recognizing the importance of mental peace in students' life. The yoga and meditation centre has occupied 75 Sq.m. areas. The centre is helping out the student to enhance their core values, Concentration and mind building aids.

**Cultural Activities:** The institute has good emphasis over the cultural activities as well. The cultural activities cell conducts various activities which includes Independence Day celebration, Republic Day celebration, Gandhi Jayanti, Orientation program for first year students, Annual social gathering, Prize distribution, Pharmaceutics day, Foundation day, Engineers day. The activities are carried out in the Auditorium and seminar halls, along with these a stage covering area of 200 sq.m. is available in engineering building.

### **Institution IT facilities including Wi-Fi**

**Internet Facilities :** The institutes have excellent facility for accessing internet. The internet can be accessed from each division, library, and hostel by faculty and students. Every student is provided one computer for use during the course period. It provides ample opportunity to explore internet resources, other programs for academic research and training activities. The institute has excellent IT infrastructure. The internet connection is being provided with ratio 1:1 with 50 mbps speed. The same is covered by an alternate link of 50 mbps broadband. Initially when the institution was started the lease connection was with bandwidth of 10 mbps. The same was updated to 15 mbps in the year 2015 and is updated to 50 mbps in the year 2016.

**Wi-Fi Facility :** An authenticate Wi-Fi connectivity is available in the institute where the Unique ID and Password for the access of Wi-Fi is provided to the student and staff of the institute. After implementation of Firewall in the infrastructure, the access is restricted to the authenticate users only. Initially this facility was not available.

**Computers :** The institute has adequate number of computers as specified by the statutory authorities. The total number of computers available at the institute is 553. Which are configured with Core 2 Duo and Dual core Processors, 2GB RAM and 500GB Hard disk. Initially in the year 2011 when the institute established the processors used in the computer was core 2 duo. Later in the year 2012, dual core processor was get into the computer machines. Presently the institute has dual core processor on more than 500 computers. The institute is optimistic as far as

the infrastructural up-gradation is concerned. The institute intends to upgrade the PC's with latest configurations available. The institute intends to replace the non-functional parts with new parts. Non-working computer hardware components are used as models to demonstrate in the practical classes.

**Power Back-up Facility:** Nearly 105 KVA UPS facility is provided to avoid breakdown of work due to Power break. The power break up was one of the biggest problems before the installation of UPS system.

**LAN /WAN Facility :** The institute has well-connected LAN facility which is a hybrid LAN in terms of wired connectivity with star topology. The speed for LAN is 100 mbps, with which all the departments, central library, administrative office, all laboratories and hostel. At the time of establishment the LAN facility was provided with BUS topology which later replaced with star topology.

**Firewall:** The IT infrastructure of the institution is protected with 'segrite terminator firewall' which manages bandwidth, filters web pages and restricts unauthorized access. Initially the network was managed using routers, which later replaced with firewall.

**MOODLE Server :** Institute has aim at minimum paperwork in terms of Student attendance, Submissions, Examination and assessment with the help of 'Moodle server'. The students and staff can work using 'Moodle' to carryout majority of the academic activities.

**CCTV Surveillance :** The institute in its IT infrastructure has installed CCTV surveillance in the year 2014-15. Initially there was analog cameras, which later updated with network HD cameras. The sensitive areas like Girls hostel, Reading Room, Library, and Corridor are covered with the CCTV surveillance.

- The institute has planned for incorporating following things in the near future:
  - a) Smart boards
  - b) Biometric Students attendance
  - c) Seminar halls for cultural and extra-curricular activities

Consultancy and funds generation with the IT infrastructure and associated facilities: As one of the major online examination Centre in Satara region, YTC, for TCS-iON, conducted online

examinations for MAHAVITRAN, RRB, IBPS, CWE, LIC, GATE, AIIMS, CAT, etc. and generated a fund Around by Rs. 12 Lakhs.