

Bapuji Wadi, Sindi (Meghe) Wardha-442 001 (M.S)

# **CRITERION 4**

4. Infrastructure and Learning Resources

**4.1 Physical Facilities** 





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# 4.1.1 A) THE INSTITUTION HAS ADEQUATE INFRASTRUCTURE AND PHYSICAL FACILITIES FOR

- Teaching- learning. viz, classrooms, laboratories, computing equipment etc.
- ICT- enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activity, yoga center, games (Indoor and Outdoor), Gymnasium, auditorium etc.

Answer:

- The Our Institution is having all the required infrastructural facilities amenities as per the norms prescribed by the regulatory authorities like PCI, AICTE and RTMNU to support and facilitate the teaching-learning process. It always augments adequate necessities from the internal sources for the good running of policies for the benefits of the PG and UG level students.
- The college has smart class room with interactive board, class room which are spacious, airy and well furnished with comfortable seating arrangement. ICT enabled class room with computer, LCD and Lecture Capturing System is made available for the teachers for having sound audio-visual based teaching process to educate students through alternate channel or platforms.
- Similarly Laboratories are sufficient in numbers which are spacious, ventilated where scientific experiments, analyses and researches are carried out. The laboratories are well equipped with basic amenities like water, electricity and gas connection. Besides these amenities Institution is ensuring with the safety features, having fire extinguisher and fire safety management system designed for fearless working in laboratories.
- College is with well Instrument/ Machine room having Capsule filling machine, colorimeter, oven, planetary mixer, bottle filling machine, filter press, bottle sealing machine, multi mill,



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tablet machine, spheronizer, friability tester, tap density apparatus, disintegrating apparatus, dissolution test apparatus, coating pan and fluidized bed dryer.

- Spectroscopy laboratory is furnished with HPLC, UV Spectrophotometer and spray dryer as scientific measurement techniques for the characterization of the molecules.
- Animal house is as per the CCSEA guidelines. Pharmacology labs and animal house is well equipped for physiological and preclinical learning process. The alternative arrangement for the power supply is available in our campus and having generator capacity of 30 KV power backup.
- A well maintained medicinal plant garden is available in our college premises area provides learner- centered education with the environment of healing and wellness. Campus is cover with well heighted green trees creates eco-friendly and peaceful environment.
- A campus is Wi-Fi equipped with 111 computers available which is handover to different departments for hassle free working. Two Wi-Fi set up units connections are supplied by BSNL.
- A separate hostel facility is for girls and boys hostel. The college premises have fully 24 x 7 under CCTV surveillance for security and safety point of view. Lift and ramp is available for disabled students.
- A separate washroom facilities is made available on two floors for girls and boys. Safe drinking water facilities on first and second floor in campus area. Dustbin facility for the collection of useless material is also provided by the internal resources.

# 4.1.1 B) FACILITIES FOR CULTURAL AND SPORTS ACTIVITY, YOGA CENTER, GAMES (INDOOR AND OUTDOOR), GYMNASIUM, AUDITORIUM ETC.





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- A huge auditorium with green room and refreshment area is made available by the management, for performing cultural activities with seating arrangement capacity of more than 1500 people.
- Indoor and outdoor sports facility is available with the college like for carom, snooker, table tennis, volleyball, throw ball, cricket, box cricket for girls and badminton. College is also cover with open air theatre for Yoga.





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#### DETAILS OF INFRASTRUCTURE 4.1.1 a) SMART CLASS ROOM/ CLASS ROOM

• The college has smart class room with interactive board, class room which are spacious, airy and well furnished with comfortable seating arrangement. ICT enabled class room with computer, LCD and Lecture Capturing System is made available for the teachers for having sound audio-visual based teaching process to educate students through alternate channel or platforms.

Sr. No.	Infrastructural Facilities	Number	ICT Facilities
01	Smart class room	03	LCD Projector, WiFi, Interactive Board
02	Class room	01	LCD Projector, WiFi, Interactive Board
03	Laboratories	14	Equipped with all necessary and sophisticated equipment's and amenities
04	Computer room	01	37 Computers with WiFi, LAN, dedicated Internet with 100 MBPS speed, Printer
05	Seminar Hall	02	LCD Projector, WiFi, LAN, electronic Podium with Audiovisuals.
06	Library	01	e-library with WiFi, LAN, dedicated Internetwith 100 MBPS speed.
07	Office	01	05 Computers with WiFi, LAN, Printers, Scanner, Xerox machine etc.
08	Principal office	01	Computer with WiFi, LAN, Printers, Scanner
09	Faculty room	06	Computer with WiFi, LAN in each room





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10	Central store	01	Computer with WiFi, LAN, Printers
11	Language Lab	01	11 Computers with latest configurations installed with Language Laboratory softwareand headphones.





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#### Infrastructure

The College is spread over the 2.0 acres of land covering huge infrastructural facilities of about 8094 meter square area. The College premises comprises smart class room, class room, laboratories, preparation areas, Instrument room, Research Laboratories, Animal house, Computer Laboratory, language Laboratory, Library with ILMS facility. Beside these internal sources provides huge Auditorium, seminar hall and separate girls and boys hostel facilities.

#### 4.1.1 A) SMART CLASS ROOM/ CLASS ROOM

The college has smart class room with interactive board, class room which are spacious, airy and well furnished with comfortable seating arrangement. ICT enabled class room with computer, LCD and Lecture Capturing System is made available for the teachers for having sound audio-visual based teaching process to educate students through alternate channel or platforms.

#### **DETAILS OF CLASS ROOM**

Room No.	Room Type	Carpet area in square meter	Available facilities
FF	Smart class room-I	98.94	LCD Projector, WiFi, Interactive Board
SF	Smart class room-II	98.94	LCD Projector, WiFi, Interactive Board
SF	Smart class room-III	104.61	LCD Projector, WiFi, Interactive Board
TF	Class room-I (PG)	106.49	LCD Projector, WiFi, Interactive Board





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#### LABORATORIES

Laboratories are sufficient in numbers which are spacious, ventilated where scientific experiments, analyses and researches are carried out. The laboratories are well equipped with basic amenities like water, electricity and gas connection. Besides these amenities Institution is ensuring with the safety features, having fire extinguisher and fire safety management system designed for fearless working in laboratories.

#### MACHINE ROOM/ INSTRUMENT ROOM

College is well equipped with Instrument/ Machine room having Capsule filling machine, colorimeter, oven, planetary mixer, bottle filling machine, filter press, bottle sealing machine, multi mill, tablet machine, spheronizer, friability tester, tap density apparatus, disintegrating apparatus, dissolution test apparatus, coating pan and fluidized bed dryer.

Spectroscopy laboratory is well furnished with HPLC, UV Spectrophotometer and spray dryer as scientific measurement techniques for the characterization of the molecules used for upgrading the knowledge of students.

Room No	Room Type	Carpet area in square meter	Major Equipment's / Instruments available
GF	Biochemistry Lab (UG)	80.00	Colorimeter, polarimeter, Digital balance
GF	Pharmaceutics Lab (UG)	78.00	Hot air oven, centrifuge, water bath, magnetic stirrer
FF	Pharmacology Lab-I	104.61	Sherrington's recording drum, Rota rod, Electro convulsiometer
FF	Pharmacology Lab-II	104.61	Sherrington's recording drum, Analgesiometer, Rota rod etc

#### **DETAILS OF LABORATORIES**





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FF	Pharmacognosy/ HAP Lab	104.61	Microscope, Muffle furnace
FF	Pharmacognosy Lab	104.61	Hot air oven, Microscope, Muffle furnace
SF	Quality Assurance Research Lab	104.81	Digital balance, Hot air oven, centrifuge
SF	Pharmaceutical Chemistry Lab (UG)	104.81	Hot air oven, polarimeter, Digital balance
SF	Pharmaceutical Chemistry Lab PC-I & PC-II Lab	104.81	Hot air oven, Digital balance
TF	Instrument Lab.	75.00	Dissolution test apparatus, Friability test apparatus, HPLC
TF	Pharmaceutics Research Lab	106.40	Hot plate, Digital weighing balance, Ball mill
TF	Pharmaceutics UG/ PG Lab	106.40	Tincture plate, Digital weighing balance, Ball mill
TF	Pharmaceutics UG Lab	106.40	Clarity test apparatus, Digital weighing balance, Ball mill
TF	Machine Lab.	75.00	Tablet punching machine,

#### ANIMAL HOUSE

Animal house is as per the CCSEA guidelines. Pharmacology labs and animal house is well equipped for physiological and preclinical learning process. College has Ex- Pharm (Experimental Pharmacology) series software for practical.







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#### MEDICINAL PLANT HERBAL GARDEN

A well maintained medicinal plant garden is available in our college premises provides learnercentered education with the environment of healing and wellness. Campus is cover with well heighted green trees creates eco-friendly and peaceful environment.

#### WI-FI SET UP

A campus is Wi-Fi equipped with 26 computers available which handover to the different departments of the College for hassle free working. Two Wi-Fi set up units connections are with us and that are supplied by BSNL. The alternative arrangement for the power supply is available in our campus and having generator capacity of 30 KV power backup.

#### HOSTEL FACILITY

A separate hostel facility is available for girls and boys. The college premises have fully 24 x 7 under CCTV surveillance for security and safety point of view. Lift and ramp is available for disabled students. A separate washroom facilities is made available on two floors for girls and boys in College area. Safe drinking water facilities on first and second floor in campus area. Dustbin facility for useless material is also provided by the internal resources.

#### **DRINKING WATER FACILITIES**

Safe and pure drinking water facilities accomplished on first and second floor in campus area. Dustbin facility for collection of useless material is also provided by the internal resources.



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#### INFRASTUCTURE OF COLLEGE WITH CARPET AREA

Floor	Room type	Carpet area in meter
		square
GF	Biochemistry UG Lab	80.00
GF	Pharmaceutics UG Lab	78.00
FF	Exam control room	31.44
FF	Conference / Board room	41.49
FF	Administrative office	150.00
FF	Principal cabin	52.71
FF	Antichamber	37.92
FF	Girls Toilet and boys toilet	11.00 each
FF	Girls common room	68.00
FF	Smart class room-I	98.94
FF	Computer room	75.94
FF	Pharmacology Lab-I	104.61
FF	Pharmacology Lab-II	104.61
FF	Faculty room	18.90
FF	Preparation room	30.88
FF	Pharmacognosy Lab	104.61
FF	Pharmacognosy / HAP Lab	104.61
FF	Faculty room	18.90
FF	Preparation room	30.88
SF	Library	343.15
SF	Language Lab	21.31
SF	Reprography & stationary room	21.31
SF	Ladies Toilet and gents toilet	11.00 each
SF	Smart class room-II	98.94
SF	Store room	58.10
SF	Smart class room-III	104.61
SF	Quality Assurance Lab	140.61
SF	Faculty room	18.90
SF	Preparation room	30.88
SF	Pharmaceutical Chemistry Lab	104.61
SF	Pharmaceutical Chemistry Lab	104.61
SF	Preparation room	30.88
SF	Departmental Staff Room	18.90





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TF	Seminar Hall 1	58.22
TF	Seminar Hall 2	132.00
TF	Indoor Sport Facility	140.00
TF	Cultural Activity Platform	60.00
TF	Animal House	11.00
TF	Machine room & Research Lab	75.00
TF	Spectroscopic Lab & Instrument Room	75.00
TF	Classroom	106.49
TF	Pharmaceutics PG Research Lab	106.49
TF	Preparation cum Dept. Store	20.84
TF	HOD cum Faculty Room	29.93
TF	Pharmaceutics Lab UG & PG	106.49
TF	Pharmaceutics Lab UG	106.49
TF	Preparation Room	20.84
TF	Faculty Room	29.93

All the above physical infrastructure comprising smart class room, class room ICT enabled class room, practical laboratories, computer room, library with ILMS facility, principal cabin with administrative office, animal house, girls and boys common room, faculty room and store room are well electrically properly connected. Practical laboratories are well connected with water pipeline and drainage line without any looseness. Laboratories are fully connected with gas line connection.



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