

The institute ensures proper disposal of Biomedical waste as per BMW management regulations.

The solid waste is segregated into dry and wet waste at the point of generation and kept in different colored dustbins. The waste is then carried in movable containers, trolley and rickshaw from different locations and emptied in large containers placed at various central locations in the campus which are emptied by a team from Pune Cantonment Board everyday.

Leaves are collected separately in movable containers and carts. The institute has dedicated staff for managing solid waste collection and disposal from various locations of the campus. The wet waste is picked by hydraulic tipper vehicle of Pune Cantonment board on daily basis, while dry waste is picked on alternate days by separate hydraulic tipper vehicle for final disposal. The college also uses battery operated garbage vehicles for clearing any littered garbage alongside the roads in the campus.

Liquid waste Management

Treated laboratory liquid waste, residential washing, canteen effluent and sewage are drained into common sewage line. The liquid waste gets treated in Cantonment central sewage plant and final effluent is used for gardening purposes in the station.

E-waste

Obsolete electronic devices, such as computer systems, servers, monitors, compact discs (CDs), printers, scanners, copiers, calculators, fax machines, battery cells etc are stored centrally and are disposed off through vendors.

Bio-Medical waste

In order to ensure safe disposal of BMW, this institute maintains an inventory of dustbins, color coded bags (as per BMW Act 2016) and personal protective equipment. Regular workshops are organized to train staff on segregation, disposal, safety and management of biomedical waste.

The collection from central kerb site of the institute and disposal of BMW has been outsourced to M/s PASSCO environmental Solution Pvt Ltd which is the central Bio-medical waste treating facility in Pune.

Radiological waste

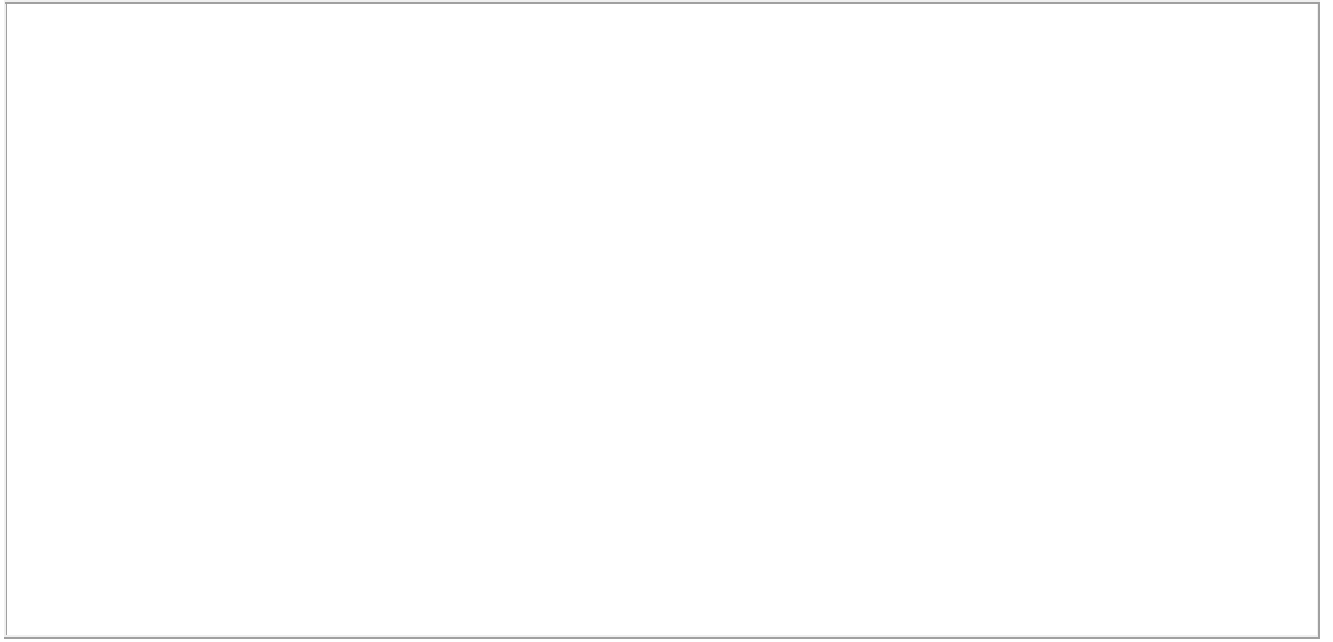
Disposal of hypo waste has drastically reduced due to DR & CR system. However, the accumulated hypo waste is disposed as per usage in required monthly cycle via authorized vendors who are authorized recyclers for resource recovery.

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Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources.

1. World Environment Day celebration by planting over trees on campus by all faculty, residents, and medical cadet
 2. Use of bicycles by medical cadets & electric shuttle vehicles for movement of patients thus reducing carbon emission.
 3. Switch of Something (SOS) campaign: Cadets were motivated to switch off lights, fans, and electrical equipment which are switched on when not in use.
 4. Procuring high energy efficient electronic appliances.
 5. Reduction of paper usage by generating electronic lab reports and the use of picture archiving.
 6. Use of LED street lights in the campus.
 7. Rainwater harvesting and Solar energy harvesting (Solar water heater and Solar street lamps)
 8. Controlled use of air conditioner with restricting temp to 24 degrees Celsius.
 9. Swatch Bharat Abhiyan
 10. Quiz on environment consciousness
 11. Percentage of power requirement of the College met by the renewable energy sources – 30% approximately
- a) A Green trophy to be started for undergraduates to encourage young minds for an all-out and integrated effort.
- b) No vehicle hours to be enforced within campus during working hours to reduce pollution and decrease fuel consumption.
- (c) Increase the safety of the streets in and around the campus. Bicycle-to-work program for reducing carbon dioxide emissions.
- (d) Tree plantation drive shall be promoted for making the campus greener and personnel feel safer. Necessary orders shall be issued to plant trees for every tree is cut within the campus.
- (e) Continue to develop and implement tobacco-free campus policies.
- (f) Engage senior Officers to communicate to students, faculty, and staff about commitment to sustainability. Maintain and continuously improve programs and resources that drive sustainability action among
- (g) Appropriate and adequate facilities for eco-friendly transport system including proper maintenance shall be made available within campus



Institutional efforts/initiatives in providing an inclusive environment

Students from all across the country belonging to varied sociocultural and economic groups are enrolled every year into UG/PG courses and are groomed to work with utmost compassion, surpassing personal needs irrespective of caste, creed, color or nationality. Communal harmony is fostered in the minds of the students from the beginning of the course, be it towards their fellow mates or the patients they serve in the hospitals. This institute also provides free medical cover not only to serving armed forces personnel & families, Ex servicemen & families but also to civilians of the local populace which includes emergency medical services, OPD/IPD facilities, ICU admission and surgical facilities. A stellar role was played by this institute by becoming one of the Dedicated Tertiary Covid Care Centres which catered to the local civilian populace. Faculty members and residents have played a pivotal role in the COVID Pandemic that had gripped the nation and were deputed to various COVID Care facilities all over the country that were established by the Govt of India in conjunction with DRDO in both 1st and 2nd COVID waves. All these actions fosters tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

Sound professional environment integrates all aspects of health as well as well-being. One such issue is gender sensitization which is implemented through a neutral approach in form of webinars, setting up committees and complaint boards as per Visakha guidelines.

Similarly for physical environment, rain water harvesting system, disaster management drills, Quick response teams, ready to extend disaster wards are there in-situ. Monthly institutional scenario-based drills are conducted.

As per NFHS-5, various parameters of demography have changed including TFRs which is mostly attributable to grass root level awareness Nationwide as well as at Institutional level.

Health facilities are made available in easily accessible ways which everyone can afford at doorstep through state of art infrastructure and institutional mechanisms.

Mission Indradhanush (MI) is Indian adaptation of WHO. At present, Nationwide intensified MI 2.0 has been implemented in which total 12 VPDs have been targeted. 7 vaccines are main stream whereas 5 are the pipeline vaccines which are in process of full stream implementation but presently being implemented only in highly endemic areas.

Diseases under target for elimination/eradication are focused through robust monitoring and surveillance mechanisms and focused IEC and awareness campaigns are being implemented through the immunization clinic.

All students are integral part of this clinic through rotational duties, lecture cum training program for students and para-medics which also give instantaneous updates on vaccines as per not only WHO but also National Guidelines.

Centrally organized through various co-curricular clubs and other activities for all cadets. Number of participants varies as these activities and is voluntary in nature.

All Officers (Faculty & Residents), JCOs and ORs(staff and trainees) are regularly briefed on pertinent points to promote an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Also, World Blood Donor day was celebrated on 14 Jun 2021 maintaining the COVID-19 related safety protocols to acknowledge blood donors for their selfless contribution for the patients in need of blood.

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UG MBBS Students admitted are enrolled as medical cadets and are obligated to serve the Armed Forces after completing their course. Free boarding, lodging and training facilities are provided to the students.

The ethos and discipline of the Armed Forces is inculcated into them from very early days which would enable them to become good doctors and Army Officers. Regular intercollege training sessions, sports activities and cultural festivals are conducted to enhance interaction and foster a sense of harmony.

This institute also provides free medical cover not only to serving armed forces personnel & families, Ex servicemen & families but also to civilians of the local populace which includes emergency medical services, OPD/IPD facilities, ICU admission and surgical facilities.

A stellar role was played by this institute by becoming one of the Dedicated Tertiary Covid Care Centres which catered to the local civilian populace. Faculty members and residents have played a pivotal role in the COVID Pandemic that had gripped the nation and were deputed to various COVID Care facilities all over the country that were established by the Govt of India in conjunction with DRDO.

Department of Microbiology has been testing COVID RT PCR civilian samples from various districts of Maharashtra, other than the samples of serving and their dependants, ex servicemen and dependants.

All these actions fosters tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

Measures initiated by the institution for the promotion of gender equity during the last five years.

The Institute provides CCTV surveillance throughout the campus for safety and security purpose. 2. Safety of girls is taken care through dedicated team of women security personnel for 24/7 throughout the campus. The university campus is gated and entry is regulated through verification of Identity cards. Presence of male and female security personnel, at all main entry/ exit gates and at strategic locations within the campus is ensured round the clock. wardens. Guidelines are given to all students residing in hostels in the form of hostel rules. Girls in the Hostel should furnish the entry and exit time in the log Register available at the hostel entrance with the security guard. 4. Transportation facility for faculty and students is provided by college-owned buses. 5. Girl students are periodically counselled on safety and security by faculty mentors. 6. Workshops are conducted on women health and hygiene by Women Empowerment Cell to all female faculty members and students. 7. Sexual Harassment cell is formed in the Institute to address the complaints filed by the Girl students and Lady faculty members. 8. The institute arranges medical camps for students every year. 9. The Institute has formed Anti-ragging committee comprising of lady faculty to visit Ladies Hostels during and after working hours of the college time and ensures that the campus is free from ragging. All girls interactive session during 3M course for C3 batch in the month of Feb 2021 for 21 girl cadets. Posters/pamphlets on gender sensitization and prevention of sexual harassment at workplace have been displayed at all prominent places of the dept. All Officers (Faculty & Residents), JCOs and ORs (staff and trainees) are regularly briefed on pertinent points to promote gender equity. Posters/pamphlets on gender sensitization and prevention of sexual harassment at workplace have been displayed at all prominent places of the dept. All Faculty, Residents, Nursing and Paramedical staff are regularly briefed on pertinent points to promote gender equity. Several workshops have been conducted in both online and in-person format. Training and sensitization of UG, PG students regarding various laws and Acts related to gender issues such as MTP Act, PCPNDT Act, POCSO Act, Female foeticide, rape laws, Vishakha Guidelines has been carried out.

Sound professional environment integrates all aspects of health as well as well-being. One such issue is gender sensitization which is implemented through a neutral approach in form of webinars, setting up committees and complaint boards as per Vishakha guidelines.

1. Constant and holistic training to undergraduate and post-graduate students and encouragement for academics and research.
 - (a) There is a need to create a pool of knowledgeable, skilled future medical professionals.
 - (b) The college hosts the biggest conglomerate of military medical experts of the three services, at the Armed Forces Medical Research Conference which is held every year at this institution. The experts and delegates interact and integrate their efforts under one roof, with an aim for further research and create a template for futuristic planning in the Armed Forces.
 - (c) Both UG/PG students take regular part in intercity/state/national level medical conferences/quiz/CMEs and have won accolades for the institute and self.
 - (d) Special emphasis on continuing high quality medical education by the institute has resulted in excellent performance at both UG/PG level University exams. Also, large number of research papers are published each year in indexed journals from every speciality indicative of ongoing research activities.

2. Fostering Global Competencies
 - (a) vision and mission statements of the College reflect to desire of the institution to be amongst the best medical and research institutions nationally as well as internationally. Towards this end the college has been tirelessly working towards improving its infrastructure, and motivating and changing the attitude of its students towards quest for excellence.
 - (b) Improvement in the teaching infrastructure, fostering excellent faculty and teaching environment, and providing extensive opportunities for academic development and research are the key focus areas of this college.
 - (c) The college IT infrastructure and medical equipment's are state of the art. There is productive integration of computers in teaching/learning activities both by students and faculty. Self learning is promoted by provision of internet facilities. An excellent and robust online teaching platform, the Sandeep Gyan is used for all online teaching activities.

To provide medical students the opportunities to interact with students and faculty from other reputed national and international medical schools in academic, co and extracurricular aspects and promoting the use of technology so that they are competitive at the global level.

The mission statements of AFMC reflect to desire of the institution to be amongst the best medical and research institutions nationally as well as internationally. Towards this end AFMC management has been tirelessly working for improving its infrastructure, the quality of training imparted, and motivating and changing the attitude of its students towards the quest for excellence.

The teaching infrastructure, best faculty of the Armed Forces, excellent opportunity for academic development and research are the key focus areas of this college. A culture of innovation and best practices is inculcated in students to foster global competencies. Besides, the students are provided opportunities to interact with students and faculty from other reputed national and international medical schools in academic, co, and extracurricular aspects so that they are competitive at a global level. The college IT infrastructure and medical equipment are state of the art. There is productive integration of computers in teaching/learning activities both by students and faculty. Self-learning is promoted by the provision of internet facilities. The college has a LAN on which Classes of Undergraduate students are preloaded before their lectures.

I) Title of Practice- Inculcating Value System in Medical Students (UG & PG)

(a) Goal

To Inculcating value system in students by providing a value-based education so that the finished product is disciplined and of good moral character who follows medical ethics to the core.

(b) Context

AFMC is one of its kind institutions in the country that seeks to holistically develop the students to be better citizens and serve the nation. The College accordingly provides an inspiring and fulfilling campus life, and facilities for sports and games to bring in a positive change in the attitude of the students.

(c) Practice

The institution offers an excellent campus life that is comparable to the facilities offered at best medical schools. Value-based education is accorded the highest priority. Emphasis on discipline, character building, and all-round development, compassion, and medical ethics is noteworthy. All students of the UG wing participate in the NCC wing, for developing discipline, human values, and teamwork. The College encourages students to participate in co-curricular activities and sports. This includes music, dance, and drama. Involvement in community work and their problems is encouraged. 'PRAYAS' – a student social work enterprise has made rapid strides in the welfare of the poor and needy civilians and patients.

(d) Evidence of Success

The college is rated amongst the first three best three medical institutions of the country

II) Title of Practice: Mentor-Mentee program.

a)Goal:

The goal is to identify the strengths & the weakness of the students in terms of understanding of the subject & clinical skills.

b)The context:

This program aims to provide attention in terms of student training by dedicated mentors who are given some students to be monitored & trained. The mentors look into the problems faced by the students & give necessary corrections.

(c)The Practice:

Medical cadets are divided into groups. Each group is assigned to a mentor. The mentor interacts personally with the medical cadets on an individual bases to identify the strengths & weaknesses of the students. During the term, the mentor guides the mentees to improve the learning ability & proper learning of clinical skills. This practice provides proper overall development of the student training with individual attention.

(d)Evidence of success:

The mentor program has increased significantly the student performance in internal assessment & in the university results.

Institutional Distinctiveness

Community health: Through our teaching hospital and network of Urban and rural health care centres we provide preventive medicine as well as treatment to the affected rural population. Our interventions have made recognizable impact in reducing maternal and infant mortality rates. Free health check-up camps are organized in nearby villages, in various fields such as eye, skin, Mental illness, nutritional, occupational hazards, drug abuse, hygiene, sanitation, cancer awareness, Maternal and child health. Students and faculty participate in National health programs. Free medicines and screening for common ailments are provided. Through participation in these camps students hone their skills in patient care, communication, empathy and leadership qualities, thus fostering their academic and career outcomes. Blood donation camps ensure easy accessibility and adequate supply of safe and quality blood and blood components. To get an on ground realization and experience of rural conditions, their health problems, learn social anatomy and physiology and improve communication skills. Health problems pertaining to rural population is very different from urban population. Posting and working with rural population will provide an all-inclusive approach in training of a medicine UG.

Response to Covid Crisis: dedicated Covid care centres and hospitals including ICU were established on war footing.

As global medical curriculum evolve, more and more emphasis is being given to rural services rendered by health care workers. Prayas Club is an off shoot of the many UG clubs & societies where the UGs of AFMC volunteer for medico social work. Many philanthropic activities are organized through this club under the guidance of the Dept of Community Medicine and the under privileged populous is targeted for educative and rehabilitative initiatives. Benefit to Students – They find out what the under privileged of our society go through and inculcate within themselves the drive to help the needy with a justified zeal and direct their efforts in the upliftment of the people within their care.