

OTHER FACILITIES

1. Sports and Recreational facility

- Basketball court
- Volleyball court
- Billiard
- Table Tennis
- Swimming pool
- Multi-gymnasium
- TV room

2. Library

- Bar coded books for online (intranet) demand of books
- 9872 books

3. Lecture Halls

- 03 main lecture halls in Training Wing and 04 in depts.
- Seating capacity: 15 to 25 with Individual tables.

4. Auditorium

- 02 air-conditioned and modern Auditoria having seating capacities of 293 and 120 respectively

5. Hostel for students

- Students of Armed Forces Medical services are provided with residential accommodation as per their entitlement.
- The Civilian residents are provided appropriate accommodation at the Institute premises

6. Residential quarters for Teaching and Non-teaching staff

- Residential accommodation is provided to all Teaching staff at IAM Officers' Enclave/ Vayu Vihar, Challaghata/DRDO quarters at CV Raman Nagar.
- Non-teaching staff accommodation is provided at MP camp, Murugueshpalaya/ Vayu Vihar, Challaghata/HAL Staff quarters, Marathahalli

7. Central Photographic-cum- Audio Visual Unit

- The Institute has a fully equipped photographic-cum-audio-visual unit with trained manpower.

8. Health Centre

- Station Medicare centre provides the necessary Primary health services while in-patient facility is available at Command Hospital (Air Force)

9. Cafeteria

- Cafeteria is available within in the Institute Campus

10. Research facility & Equipment

Research is being conducted at various departments and the list of equipments available at these departments are as follows:

a. High Altitude Physiology and Hyperbaric Medicine

- High altitude chamber with rapid decompression facility
- Hyperbaric chamber
- Radio telemetry system to record physiological parameters from aircraft
- Computerised FOPT
- Oxygen mask test facility
- Computerised pulmonary function test equipment

b. Acceleration Physiology & Spatial Orientation

- Human centrifuge with computerized control with facilities to record Physiological parameters
- Disorientation simulator

c. Environmental & Space Physiology

- Lux meter
- Complete Noise Solution
- Heat stress Monitor
- Computersied hot cockpit with environment control
- Cold Chamber with environment control
- Biochemical Laboratory for stress evaluation
- Bicycle erogometer with computerised cardio-respiratory monitor
- Pulmonary function test equipment
- Physiological data logger and monitoring system
- Dry Floatation tank (Thermally controlled)
- Tilt table
- Lower Body Negative Pressure
- Stabilo platform

d. Human Engineering

- Sleep and Fatigue Monitoring devices
- 3D Laser body scanner
- Eye movement recorder
- Spinal evaluation lab
- Workload assessment laboratory
- Digital anthro work station and anthro-arm
- Psychomotor test rig
- Anthropometric platform
- Electronic goniometry
- Hand eye coordination and response test rig
- NVG laboratory, indoctrination and evaluation facility
- Luxmeter
- Accident investigation laboratory

e. Applied Physics & Biodynamics

- Multi-axial vibration simulator
- Visor testing assembly with optical bench
- Sound level meter and vibration meter
- Luxmeter
- Moment of inertia & center of gravity measuring system
- Voice analysis system

f. Cardiopulmonary stress test Laboratory

- HOLTER monitoring system (model FD – 12 plus – 3 channel with computer)
- Ambulatory BP monitor system Model BR-102 plus Oxycon-4
- Spiro-ergometer
- Morgan CO₂ analyser, tilt table
- Three channel ECG recorder (Nihon Koden)
- Vitalograph
- Computerized stress test system
- Ambulatory ECG and BP holter monitoring

g. Medical Evaluation

- TMT- High End Computerized Stress Test System with automated NIBP and SPO₂ reading
- Viagraph (USA) multistage computerised treadmill
- Sonlayer-V, echograph and visceral ultrasonography equipment
- Cardio cassette pocket size ambulatory ECG monitoring
- Cardiac monitor
- External pacemaker
- DC defibrillator
- Vector cardiographic equipment
- Mortara computerised treadmill
- ECG machine

h. ENT

- Anechoic room for hearing evaluation
- Audiometric system
- Tympanograph

i. Eye

- Slit Lamp (BQ 900) with Digital Imaging System (IM 900)
- CARE Tonometer
- Chart perimeter
- Slit lamp
- Non contact tonometer
- Computerised vision testing projection system
- Martins lantern
- Computerised refractometer

- Snellen's chart and visual field testing system
- Focimeter
- Ishihara chart
- Ophthalmoscope (Direct)
- Ophthalmoscope (Indirect)
- Keratometer
- Synoptophore

j. Aviation Pathology

- Fully Automated ELISA Reader with Washer with consumables and accessories
- Automated Chemiluminiscent Immunoassay Analyzer with Consumables and accessories
- LCMS
- GCMS
- HPTLC
- HISTOKINETE for tissue processing
- UV/VIS double beam spectro photometer
- Automatic hematology counter
- Erba automatic analyser
- Biochemical laboratory
- AVL electrolyte analyser
- Elisa reader

k. Radiology

- Simens X-ray and fluoroscopy systems with bucky radiography
- Ultrasound machine
- CR system

l. Biomedical Engineering

- Physiological data acquisition systems
- In-flight and on-ground data loggers
- HRV analysis system, equipment and software
- Multimeters, power supplies, oscilloscopes, function generators

m. Aviation Psychology

- Cog Screen-Aeromedical Edition (Version- 2)
- Rorschach test
- Interest and Aptitude tests
- Neo- personality test & inventory
- WAIS Test
- Bhatia's Test Battery
- Cog-Screen Computerised Neuro- Psychological test system

n. Training Wing

- PA Systems for auditorium and conference hall
- Smart board and projection systems for classrooms
- CCTV system
- Photocopiers
- Risograph
- Internet computers