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 ergometer 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 filed 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