

ACADEMIC ACTIVITIES

The Institute of Aerospace Medicine is an armed forces institute which by the ethos guided by its organisational structure functions beyond the limits of caste creed and gender. This institute thrives on the three pillars of training, medical examinations and research. The Institute conducts only one degree course, viz., MD (Aerospace Medicine), under affiliation to RGUHS, Ktk. In addition, to meet the requirements of the defence services, the Institute conducts the following short term certificate courses:

1. Operational Training in Aerospace Medicine (OPTRAM) Course
2. Primary Course in Aviation Medicine
3. Introductory Course in Aviation Medicine (INTAM)
4. Aviation Accident Pathology Course
5. Aviation Psychiatry Course
6. Suicide Prevention Workshop for Mentors & Health Assistants
7. Civil Aviation Medicine Course for Civil Doctors
8. Aviation Medical Examiners Course for Civil Doctors
9. Refresher Training for Aviation Medicine Specialists
10. Training course for MD (Physiology) residents of affiliated colleges of RGUHS, Ktk.
11. Aviation Medicine Course for Medical Assistants

The institute follows the regulations and guidelines stipulated by RGUHS, Ktk and MCI for conduct of the academic programme. Being the only institute offering post graduate degree course in Aerospace Medicine in the country, it takes inputs and feedbacks from the students, faculty, aircrew and experts at regular intervals to incorporate the current concepts/ trends of the speciality into the academic programme. This exercise ensures that the curriculum and the goals of the institute are well integrated to meet the challenging requirements of the Institute

The institute has various simulators relevant to the field of aerospace medicine. The students are given adequate training to have first-hand experience and understanding of the operation of these simulators so that they are competent enough to conduct training programmes for the aircrew. The students are also attached to Command Hospital, Bengaluru for six months in the second year to enrich their clinical knowledge.

Being a defence medical unit, it strictly follows Army Medical Corps regulations to

ensure that the students adhere to the moral and ethical values. To widen the horizon, the students are encouraged to participate in the patient safety programmes organized at regular intervals by Command Hospital, Air Force. They also participate in CME programmes/workshops conducted by other local teaching colleges to enrich their professional knowledge and skills. The students are also involved in the conduct of classroom lectures and demonstrations for various short-term courses offered at the institute, which are moderated by the faculty concerned. They are also involved in the aeromedical evaluation of aircrew, flying clothing, etc. All these activities ensure professional skill development and offer better career options to the students.

Administratively, the institute ensures that equality, justice and the dignity of all individuals is maintained and a sense of solidarity, inclusiveness and camaraderie is maintained. The institute has formalized and institutionalised a Grievance Redressal Cell and psychological counselling cell.