



THE BOMBAY FLYING CLUB'S **COLLEGE OF AVIATION**

Affiliated to University of Mumbai & DGCA



B. Sc. AVIATION



Affiliated to

University of Mumbai

TAKE ON THE WORLD WITH HIGHER EDUCATION IN AVIATION



Students and Faculties at Dhule Aerodrome (near Nasik-Maharashtra)

*Make a
High Flying Career
in Aviation*



An Introduction

The Bombay Flying Club's is the birthplace of aviation in India, since 1928. This prestigious institute has played a leading role in the history of aviation, In India. The Bombay Flying Club's is renowned for its professionalism. It has trained air crew who are now working as captains & engineers for domestic & international airlines such as Air India, Jet Airways, Singapore Airlines, Emirates, Spice Jet, Indigo, Paramount, Kingfisher Airlines, as well as thousand of private pilot & engineers. However, The Bombay Flying Club's College of Aviation is affiliated to the University of Mumbai & DGCA and granted permission from the Government of Maharashtra.

In terms of state-of-the-art aircraft, avionics and allied equipment, Indian Civil Aviation is at par, if not at a higher level, than that in any other developed country. It is recognized worldwide that Indian Pilots are second to none, inspite of the fact that they don't have any formal education towards a basic university degree course. It is widely acknowledged that a majority of these professionals specialize in specific areas of operation and attains proficiency in an environment that demands for higher standards and more rigorous training than in most other professions. A formal degree is not only beneficial in equipping a person in terms of aviation skills but also broadens ones perspective in the field of specialization and management.

As of now, pilots and flight supporting service personnel have been exposed to a much more rigorous hands-on knowledge and experience than persons pursuing a normal professional educational programme. Introduction of this degree course will provide the appropriate scientific background in terms of quality and content so essential to an aviator for his / her all round development. Furthermore, a basic degree will open the portals for post graduation leading to greater enhancement of scientific skills, not to speak of the potential that this will create for research and generation of knowledge. This in turn would lead to greater professional excellence.



(Since 1928)

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The Advantage

The Bombay Flying Club's College of Aviation has been established to give an aspiring airline pilot a distinct advantage -

An Aviation Degree with a comprehensive university education, this long overdue initiative is to provide a pilot with the added opportunity of creating an academic platform to pursue higher studies and equip him / her to transition automatically into higher Management levels during the progression of an exacting career.

The Bombay Flying Club's College of Aviation B.Sc (Aviation) Degree is one of the first degree courses that use state-of-the-art e-Learning and Computer Managed Instruction technologies, as mainstay teaching and training aids. "Interactive Multimedia Content" is the most important ingredient to ensure that the complex subjects associated with aviation and aeronautical training, are taught to the students effectively. Interactive Multimedia Content ensures that Instructors can elucidate the subject matter in a much better way, compared to conventional teaching and training aids, thereby enhancing understanding, assimilation and retention by students. It also supports a Testing Assessment and Grading System (TAGS).

The syllabus of The Bombay Flying Club's College of Aviation B.Sc. (Aviation) Degree course includes all subjects required to qualify for issue of Commercial Pilots Licence and includes global best practices by international aviation authorities.

Flying Training



The Bombay Flying Club's College of Aviation carries out Flying training of its students in Juhu, Mumbai & Dhule near Nasik - Maharashtra. The students will undergo 200 hrs of flying including Multi Engine Rating and Instrument Rating along with a Commercial Pilot Licence from DGCA is the Government Aviation Authority of India.

Ground Training

Air Regulations, also known as Air Law, deals with the Indian Aircraft Act 1934 and Indian Aircraft Rules 1937. Other legal aspects such as the responsibilities of Pilot In Command (PIC), issue and renewal of Licenses, safety procedures etc. will be covered in detail.

Aircraft and Engines to begin with, will include principles / mechanics of flight wherein, forces acting on it, the six degrees of freedom of an aircraft, performance pertaining to the aircraft etc. will be elucidated for easy assimilation.

Air Navigation will teach the student the Art and Science of Navigation. This subject will include topics of Geography, Study of Various Aeronautical Maps and Charts, Flight Planning, General Navigation, Universal Time Systems, Satellite Navigation, Flight Management Systems (FMS), Inertial Navigation / Inertial Reference Systems, Future Air Navigation System (FANS) and General aircraft performance.

Meteorology

- Elementary knowledge of composition and structure of atmosphere and the physical parameters which are related to its study
- Circulation of wind at the surface of the earth and at upper levels and the factors which governs the flow
- Weather systems which develop in the atmosphere and their characteristics with special emphasis to their impact on aviation.
- Interpretation of Meteorological forecast which is used for the safety of aircraft and for navigation purpose.



Projects

Various projects as given in the T.Y.B.Sc. syllabus will be interactive with experienced Instructors to give students an insight to the finer points of the Aviation Industry. These projects will be updated constantly depending on the requirement of airlines worldwide.

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Juhu Aerodrome - Mumbai



In the Classroom



College Campus



Our Student's during the flight training

FACULTY*

FG. Offr.(Ex-IAF) C.Kumar
Principal / Chief Ground Instructor
Flight Navigator/ Flight Engineer
Indian Air force / Air India-Retd

Capt. Manoj Choudhary
Chief Flying Instructor

Capt. Mihir Bhagwati
President
DGCA Approved Sim Instructor

Mr. L.S. Nandan
Q.C.M
Aircraft Maintenance Engineer Flight Engineer
(Air India)-Retd.

Capt. Otis D.Souza
Instructor
Retd Pilot -Air India / Indian Airlines

Mr. Vijay Kumar
Instructor
M.E.(Electricals & Electronics),
MIE (India) M.Ae.S(India),
Retd. Addl. G.M.-Technical (Air India)

Dr. Shymla Iyer
Instructor
M.Sc., B.Ed, Ph.D.
(Retd- Deputy Director Gen-Indian Meteorological Dept)

Capt. P. Gandhi
DGCA Approved Simulator Instructor
Retd. Chief Pilot (Reliance Industries Ltd.)



* Faculty for academic year 2010-2011



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