

THE POST GRADUATE DIPLOMA IN AERONAUTICAL ENGINEERING (Full Time)

OPD 1	TITLE OF THE COURSE
OPD 1.1	The Course shall be called Post Graduate Diploma in Aeronautical Engineering (Mechanical) Course, abbreviated as PGDAE (M).
OPD 2	DURATION OF THE COURSE
OPD 2.1	PGDAE (M) course shall be of one year duration extended over 2 semesters
OPD 2.2	Each semester shall have the following schedule: First Semester: i) Class Work including field visit according to the scheme – 24 weeks. ii) Vacation (Mid-term break) – 2 weeks. Second Semester: Class Work, Industrial Training including field visit according to the scheme and the Project Work – 24 Weeks
OPD 2.3	A Full Time candidate shall be allowed a maximum duration of four semesters from the first semester of admission to become eligible for the award of Post Graduate Diploma in Aeronautical Engineering (Mechanical), failing which he/she may register once again as a fresh candidate.
OPD 2.4	The Calendar of events in respect of the course shall be fixed by AFTC in consultation with VTU from time to time.
OPD 3	ELIGIBILITY FOR ADMISSION
OPD 3.1	Admission to the Post Graduate Diploma in Aeronautical Engineering (Mechanical) Course shall be open to all the candidates who have passed B.E. / B.Tech. examinations of VTU or any other University / Institution or any other examinations recognized as equivalent thereto.
OPD3.1(A)	The AMIE qualification in respective branches shall be equivalent to B.E./ B.Tech., courses of VTU for PGDAE(M) admissions.
OPD 3.2	Admissions of PGDAE (M) Course shall be open to the candidates, who have passed the prescribed qualifying examinations with not less than 50% of the marks in the aggregate of all the years of the qualifying examinations.
OPD 3.3	Candidates selected to join AE (M) and AE (L) branches of IAF shall be eligible to join the course. Further, any Public Sector/Govt. organization/foreign countries may sponsor a candidate for admission to the course subject to approval of Govt. of India
OPD 3.4	The maximum number of seats under various categories (regular and sponsored candidates) shall be as per the requirements of IAF.
OPD 4	ATTENDANCE REQUIREMENT
OPD 4.1	Each course of semester shall be treated as a separate unit for the calculation of the attendance.
OPD 4.2	A candidate shall be considered to have satisfied the attendance requirement if he/she has attended not less than 75% of the classes in each subject of all the semesters (Theory, Laboratory, Seminars, Industrial Training and Dissertation Work) actually conducted up to the end of the semester.

- OPD 4.3** A candidate, who does not satisfy the attendance requirement, mentioned as above, shall not be eligible to appear for the examination of that semester and shall be required to repeat that semester along with regular students later.
- OPD 4.4** If a candidate, for any reason, discontinues the course in the middle he/she may be permitted to register to continue the course along with subsequent batch, subject to the condition that he/she shall complete the class work, lab work and seminar including the submission of dissertation within maximum stipulated period. Such candidate shall not be eligible to be considered for the award of rank.
- OPD 4.5** The Chief Instructor, AFTC shall notify regularly, the list of such candidates who fall short of attendance.
- OPD 4.6** The list of the candidates falling short of attendance shall be sent to the University at least one week prior to the commencement of the examination.
- OPD 5** **INTERNAL ASSESSMENT**
- OPD 5.1** Each candidate shall obtain not less than 50% of the maximum marks prescribed for the Internal Assessment of each subject, including seminars.
- OPD 5.2** Internal Assessment Marks shall be based on assignments, tests, oral examinations and seminar conducted in respective subjects (minimum of one test and two assignments are compulsory).
- OPD 5.3** A candidate obtaining less than 50% of the Internal Assessment marks in any subject shall not be eligible to appear for the examination in that subject. In such cases, the Head of the Faculty/Department may arrange for the improvement of Internal Assessment marks in the subject(s) in subsequent semester.
- OPD 5.4** The candidates shall appear for the Internal Assessment Test and the answer sheets of the same be maintained by the Head of the Faculty/Department for at least one month after the announcement of result and made available for verification as per the direction of the Chief Instructor, AFTC.
- OPD 5.5** Every page of the Internal Assessment marks sheet shall bear signatures of the concerned Instructor, Head of Faculty/Department and the Chief Instructor, AFTC.
- OPD 5.6** The Internal Assessment marks list shall be displayed on the Notice Board and corrections, if any, shall be incorporated before sending to the University.
- OPD 5.7** The IA marks shall be sent well in advance before the commencement of theory examination by the Chief Instructor. No corrections of the Internal Assessment marks shall be entertained after the submission of mark list to the University.
- OPD 6** **PROJECT WORK**
- OPD 6.1** The Project work shall be carried out by every candidate independently during the 2nd Semester under the guidance of one of the faculty members of the respective branch of study.
- OPD 6.2** Every candidate shall submit three copies of the Project Work to the Head of the Institution. The Chief Instructor shall make arrangements for valuation of Project Work at AFTC and send one hard copy of the report to the University for valuation.
- OPD 6.3** The date of submission of the Project Work may be extended up to a maximum of four academic years for full-time students from the date of commencement of the first semester in which the candidate has taken admission to the course.

- OPD 6.4** Project Work shall be evaluated by two examiners – one internal examiner (guide/co-guide) and the guide from AFTC or one external, appointed by AFTC on behalf of VTU. The evaluation of the dissertation shall be made independently by each examiner.
- OPD 6.5** The examiners shall evaluate and send the marks lists independently to the Chief Instructor, AFTC.
- OPD 6.6** Average of the marks awarded by the two Examiners shall be the final and this shall be forwarded to VTU by Chief Instructor, AFTC.
- OPD 6.7** The relative weightage for the evaluation of dissertation and the performance at the Viva-Voce shall be as per the scheme.
- OPD 6.8** The marks awarded by the Examiners at the *viva voce* Examination shall be sent jointly to the University immediately after the examination.
- OPD 6.9** Examination fee as fixed from time to time by the University for evaluation of dissertation report and conduct of *viva voce* shall be remitted through the Head of the Institution.
- OPD 7 PAPER SETTING AND EVALUATION OF THEORY ANSWER PAPERS**
- OPD 7** Paper setting and evaluation will be done by AFTC in consultation with VTU and marks obtained shall be forwarded to VTU for compilation of result and award of PGDAE (M). The same needs to be concurred by VTU for implementation.
- OPD 7.1** Question papers in theory subjects shall be set by the Examiners appointed for the purpose by AFTC and the University. AFTC will work out a panel of examiners for various subjects.
- OPD 7.2** Theory answer papers shall be valued independently by the examiners appointed by AFTC. The marks obtained will be forwarded by AFTC to VTU.
- OPD 8 FIELD WORK: LEARNING THROUGH 'ON JOB TRAINING'**
- OPD 8.1** All candidates have to do a live project assignment and undergo Industrial Training (OJT) at operational units of IAF / industry (for sponsored candidates) for a period of four weeks at the end of 2nd semester of the course, under the guidance of the faculty. Candidates shall submit the OJT Report for evaluation and shall make a presentation of the same at the college as a part of the assignment (OJT).
- OPD 9 ELIGIBILITY FOR PASSING**
- OPD 9.1** There shall be a University examination at the end of each semester.
- OPD 9.2** The candidate shall obtain a minimum of 50% of marks in the University examination and a minimum of 50% of marks in aggregate including the Internal Assessment marks for pass in each of the theory / lab subject.
- OPD 9.3** A candidate shall obtain a minimum of 50% of maximum marks separately both in Seminar and Dissertation for pass.
- OPD 9.4** There shall be no restriction for promotion from earlier to next semester provided he/she has fulfilled the attendance requirement and cleared all examinations as prescribed.
- OPD 9.5** The candidate has to pass in all subjects of I and II semester before the *viva voce* is conducted.

- OPD 9.6** A candidate failing to score at least 50% marks in upto two subjects shall be administered a re-test by AFTC and on successful passing of re-test will be promoted to next semester/declared eligible for award of PGDAE in the respective stream. However, a candidate failing to score at least 50% marks in three or more subjects will be declared to have failed and will be retained in the same semester.
- OPD 10 AWARD OF CLASS & RANK**
- OPD 10.1** Candidates who have passed in all the subjects of first and second semesters and the dissertation work shall be declared to have passed the course.
- OPD 10.2** The class shall be awarded at each semester based on the first attempt aggregate marks of the semester.
- OPD 10.3** A candidate who secures 80% of total marks and above with minimum 60% in each subject in first attempt shall be declared as **'Exceptional'** (Symbol **EX**).
- OPD 10.4** A candidate who secures 70% of total marks and above with minimum 60% in each subject in first attempt shall be declared as **'Above Average'** (Symbol **AA**).
- OPD 10.5** A candidate who secures 60% of total marks and above with minimum 50% in each subject in first attempt shall be declared as **'High Average'** (Symbol **HAV**).
- OPD 10.6** A candidate who secures minimum 50% of in each subject in one or more attempts shall be declared as **'Average'** (Symbol **AV**).
- OPD 10.7** A candidate who secures less than 50% in any subject shall be declared as **'Fail'** (Symbol **F**).

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