

## **Post Graduate Diploma in Management for Eligible Candidates by HAL Management Academy, Bengaluru**

### **1. About Hindustan Aeronautics limited**

**Hindustan Aeronautics limited (HAL)** is an Indian state-owned aerospace and defence company headquartered in Bangalore, India. It is an Aeronautical giant and it is one of the largest Aeronautical Complexes in Asia with 20 Production Divisions and 11 R&D Centres. HAL is working in the field of design, manufacture, operation, maintenance and full life support for military aircrafts, Helicopters, avionics, aggregates and civil applications for the last 80 years. It is governed under the management of the Indian Ministry of Defence, Government of India.

Established in 1940, HAL has grown in leaps and bounds to today's level of more than \$3 billion revenue. The programmes underway at HAL are design and development of fourth generation fighter aircrafts, trainer aircrafts, transport aircrafts, attack helicopters, multi utility helicopters, unmanned Aerial vehicles, power plants, aggregates and avionics. HAL manufactures aero-structures for satellite launch vehicles. HAL is also involved in repair, maintenance, upgrade and life cycle support of airborne platforms and systems of Indian, Asian and Western origins.

### **2. About HAL Management Academy**

HAL Management Academy (HMA) is a wing of Hindustan Aeronautics Limited for development of Human Resources in the Aerospace ecosystem. HMA is in the field of training fresh graduates, middle level officers and senior executives to take up challenging and leadership positions in various domains of the aviation industry.

Utilizing HAL's knowledge pool and faculty with industry experience, HMA has emerged as a Centre for Aerospace Technology and Management. It has a wealth of knowledge and experiential learning in the field of Aerospace Technology and Management. The faculty are widely experienced in various domains of the Aerospace industry and hold specialization qualifications in these domains. They are currently working on various aerospace projects and subject matter experts.

The resources of practicing professionals, scientists, Senior executives and leaders engaged in various research and manufacturing activities in the industry contribute immensely to make the learning and experiential process. The Academy has tie-ups with premier IIMs, IITs & other reputed Institutes and plays a key role in developing the Aerospace ecosystem in the country.

#### **2.1 Infrastructure and facilities at HMA**

HMA is situated in Bengaluru close to the manufacturing facilities. Spread over 16 acres, the green campus has state-of-art classrooms, breakaway rooms, computer labs and library. In addition, the campus houses the hostel accommodation, 800 seat

state-of-the-art Auditorium, meditation hall, Sports block with Gymnasium and indoor games, outdoor games facilities, swimming pool etc. HMA provides the right ambience for a holistic residential learning experience executives, professionals and students.

### **3. Post Graduate Diploma in Management (PGDM)**

HMA has developed Post Graduate Diploma programs approved by All India Council for Technical Education (AICTE) to cater to the needs of the growing aviation ecosystem in the region. The Post Graduate Diploma in Management (PGDM) is a 24 month, full-time residential Program approved by AICTE. The Program is conducted at the HMA Campus, Doddanekkundi, Bengaluru, Karnataka. The course includes extensive factory visits, internships, interaction with Professionals in the industry and project works guided by faculty and Industry Professionals.

The PGDM programme is conducted under 2 specializations:

1. Aviation Management
2. Production Management

Both the programs are comprehensive in coverage of Aerospace field, Aviation Management and production Management with case studies well-crafted and developed by the experienced Faculty of HAL Management Academy with deep insights gained by HAL over 80 years. The syllabus of the course is tailor made to the needs of the Aviation Professional. It comprises aviation technologies, maintenance and operations, core management subjects with specific emphasis and case studies related to aviation industry.

#### **4.1 Eligibility Criteria / selection process**

Science / Engineering graduate with good academic scores, an assessment by HMA comprising test and interview.

#### **4.2 Programme Structure**

The PGDM programme of HMA is a 24 month (2 years) programme divided into 4 semesters of 6 months each. The programme is conducted at the HMA campus located in Bengaluru and is designed as a full time residential programme.

The first year of the programme (semesters 1 and 2) will cover the fundamentals of management and will be common for both specializations. The first 2 semesters have been designed as a mix of fundamentals and skill based courses.

The second year of the programme (semesters 3 and 4) will be held separately for the two specializations. The third semester will be dedicated to the specializations opted by the students. Furthermore, there will be a mix of core subjects and elective subjects.

Under the elective subjects, students can choose from a basket of electives that closely matches their interest.

The fourth semester will involve internships and project works. Students will visit leading companies and interact with professionals to understand the workings of these companies. Students will also carry out projects under the guidance of faculty members of HMA. The total number of credits covered in the 4 semesters will be 102.

HMA also strongly encourages diversity of knowledge. Thus, Massive Open Online Courses (MOOCs) form an integral part of the PGDM programmes.

### **4.3 Course content**

The academic program will consist of 102 credits. The credits will be earned for course work as well as internship and project work done during the academic program. The coursework will be divided as follows:

- Core courses, that ensure the basic understanding required for the program.
- Electives that are selected by the student in consultation with the faculty. They could bring vital interdisciplinary thinking required for the solutions of complexities arising in the Aeronautical Industry.

The core and elective courses will be present for the Fundamental Management subjects as well as for the chosen specialization. In addition to the above, there will also be skill based courses that will equip the student to learn industry relevant skills.

Along with the coursework, the students will also undertake internships and project works that will critically examine the students' ability to put the acquired knowledge to practical use.

Following are some of the subjects (in no particular order) that will be covered as part of the course:

#### **4.3.1 Core Subjects**

- Principles of Management & Organisational Behaviour
- Managerial Economics
- Business Law and Contracts
- Production and Operations Management
- Business Statistics
- Human Resource Management
- Quantitative Techniques - Operations Research
- Managerial Finance
- Corporate Strategy
- Marketing
- Research Methodology and Report Writing
- Business Analytics and Management Info Systems
- Supply Chain Management & Logistics
- Business Communication Lab

- Personal Effectiveness Lab
- Computer Applications in Business Statistics Lab

#### **4.3.2 Basket of electives:**

- Business Environment and Polity
- Corporate Finance
- Project and Risk Management
- Corporate Governance and Ethics
- Aircraft Design and Testing
- Management of Manufacturing Systems
- Aircraft Manufacturing Processes
- Aviation quality regulations and certifications,
- Quality assurance and six sigma approach.
- Industry 4.0

#### **4.3.3 Degree provided on completion of course**

Post Graduate Diploma in Management with specialisation in Aviation/Production Management (full time)

#### **4.4 Schedule for the batch 2021-2023;**

The next batch is scheduled to commence in July 2021. The admission process will commence in April 2021. Course duration details are given below:

|                         |  |
|-------------------------|--|
| No. of Semesters        | : 4 Semesters spread over 2 years  |
| Residential stay at HMA | : 685 Days (Incl. of Sundays and Holidays)   |
| Semester Vacation       | : About 45 Days (2 weeks each after 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Semester End Exam) |
| Accommodation at HMA    | : Accommodation on twin sharing / single occupancy is Available  |

#### **4.5 Financial Investment for the Programme**

Total Fees for Residential Programme to be undertaken at HMA Campus for 24 Months (685 Days):

3.5.1 USD 11,000 (USD eleven thousand only) Per Participant for twin sharing accommodation including vegetarian meals.

3.5.2 USD 14,250 (USD fourteen thousand two hundred and fifty) per Participant for Single Occupancy accommodation including vegetarian meals.

#### **3.5.3 Payment Schedule:**

- 20% of the fee would be payable before the start of the Course;
- 80% of the Fee is spread over Four Semesters - 20% of the fee would be payable within the 15 days of the commencement of every semester

The Course Fee is inclusive of Institute's Professional Fees, Programme development costs, Set up cost, Programme design, Institutional overhead, Actual delivery charges,

Field Visits, Classroom charges per day and Boarding and lodging for the participants at the HMA campus, Course materials, Library, Sport facilities, Group photo, Stationery and printing charges.

The Course Fee for the residential 24-month Programme (685 Days) are exclusive of:

- Additional Boarding and Lodging charges for accommodation beyond programme days.
- Travel (Air flights /cab/other modes) expenses to reach HMA campus.
- Coordinators/Group Heads /Senior Officers from BAF, joining the participants on campus (these would be charged additionally).
- Medical expenses
- Insurance for general Health, accident and COVID-19
- Expenses for visits to other cities for any seminar/worship or visit of an industry
- Expenses for personal laundry, daily personal toiletries, etc.
- Expenses for celebration of any personal event by students
- Additional tea/coffee, eatables, etc.

## **5.0 Faculty Resources**

The reputation of HMA owes much to the exceptional calibre of its faculty. The faculty are high qualified with high technical and professional degrees and they have long industrial and academic experience in their fields. The Institute prides itself on creating an environment of substantial academic freedom overlaid by rigorous, self-imposed standards of excellence and socially responsive practices. HMA faculty willingly submit themselves to a unique, rigorous, open, and continuous process of appraisal and feedback from the students. This enables the faculty to fine tune course contents and delivery mechanisms. In keeping with the mission and objectives of the Course, HMA has also drawn domain experts for the course. The chosen team would bring the perspective of the institute and their collective experience to the course.

## **6.0 Contact Coordinates at the HAL Management Academy (HMA)**

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