

A Lifetime of  
Excellence begins  
with a World Class  
Education



Management



Commerce



Aviation



Computer Science



**HBS**

HINDUSTAN BUSINESS SCHOOL

**HINDUSTAN BUSINESS SCHOOL**

Affiliated to Bengaluru North University & Approved by AICTE

(A unit of EveHans Academy)

# Welcome to Hindustan Business School

Hindustan Business School (HBS) is managed by EveHans Academy, a regd. society founded in 1994 by Dr. K. C. Samuel. HBS is affiliated with Bengaluru North University, approved by AICTE & University Grants Commission (UGC).

HBS is the first in Karnataka to offer BBA Aviation Management and BSc Aircraft Maintenance undergraduate degree courses with the assistance of Bengaluru North University and the Ministry of Higher Education, Govt. of Karnataka.

HBS is a centre of excellence with a strong focus on providing quality education in the fields of Commerce, Aviation Commerce, Aviation Sciences and Aviation Management and proudly boasts of churning out University Rank Holders consecutively.

HBS aims to develop human potential through quality research, teaching, practical learning and professional management services. The courses offered are designed to nurture young minds with the appropriate academic knowledge and life skills needed to become successful.

Our pillars of strength are the highly qualified and experienced Professors who deliver quality training with the use of various modern classroom Teaching aids, Seminars, Entrepreneurial Workshops and Innovation labs; and Guest Lecturers from among some of the top personnel in leading business communities. Our students are offered Internships with various MNCs, and private and public organisations during the course itself that enable them to experience a real-world work environment.

Courses offered by HBS are:

## Undergraduate Courses

- B.Com
- BCA
- BBA
- BBA Aviation Management
- B.Sc. Aircraft Maintenance

Students are offered job opportunities during their internship period itself or after a thorough screening process within the Department and by the HR of the hiring company - IndiGo, AirAsia, SpiceJet, FlyDubai, Total Environment Hospitality Pvt. Ltd., Kirloskar India, IBM, Star Air, Smergers, Citi Bank, TATA Advanced Systems Limited, Catholic Syrian Bank, Hidesign, Geodraft, HSBC, Marriott International, OYO Rooms, MakeMyTrip, Amadeus, GE, Air India SATS, GoAir, BookMyShow, IBM, Byju's. FedEx, etc Specialist Instructors and Trainers help develop a student's overall personality, character and communication skills, apart from nurturing them to utilise their Academic advantage for employment.

HBS is a student-friendly campus with optimum Teacher-Student ratio and all necessary amenities in proximity. We provide hostel facilities for both girls and boys. All rooms have en-suite facilities.

Management and staff welcome you to come and experience the facilities and teaching expertise of HBS.

## Chairman's Message



**Dr. K. C. Samuel**  
Founder & Chairman

### **“Learning is not an Activity, it is an Experience”**

Every generation likes to think that it lives in a time of unique change, but the change in the last decade has happened on a truly unprecedented scale. This will continue at an even more accelerated pace in the future..

How does one deal with change? Change descends on everyone equally; it is just that some see it faster. The first step therefore is to sense change as early as possible by understanding the key drivers of change. While technology will be the key driver of change, remember that all technology resides in the minds of people. People like you.

At Hindustan Academy, we believe that in the world of tomorrow, individuals need to change before it becomes necessary to do so. You must have a vision, always beyond reach but never an impossible dream. You need to understand the importance and have a healthy desire to learn what it takes for you to reach higher, to develop your career.

The courses at Hindustan Academy are designed to help you discover your capabilities, evolve your skills, achieve more and transform your future. Hindustan Academy helps you to learn with efficiency, motivation and interest to progress to the goal you have set in life. Life starts today and learning is an on-going fundamental part of life.

## Director



### **Eva Samuel**

BBA, M.Sc. Human Resources, MBA Aviation Management

With over a decade of experience in administration, complemented by an M.Sc. in Human Resource Management and an MBA in Aviation, Eva Samuel brings a rich blend of skills in organizational efficiency, people management, and industry-specific knowledge. Her journey reflects a commitment to excellence in navigating administrative complexities, optimizing human capital, and fostering growth within Evehans Academy. Her expertise bridges administrative skills with specialized insights, contributing to high-performance teams and sustainable organizational outcomes.

## Principal



### **Dr. Sumitha K.**

MBA, M.Phil., Ph.D

A highly accomplished professor, Dr. Sumitha holds a degree from reputed universities in the field of Management. Her extensive publications in Scopus, UGC care Journal, National and International Journals cover diverse management topics. She is a member of BOE and Co-opt Member in BBA (Aviation Management) of Bengaluru North University. She serves as Associate Editor on various editorial boards. Her commitment to continuous learning is evident through certifications from IIM, NPTEL and Airport Council International. Awarded for teaching and research excellence, she stands as a distinguished symbol, shaping the academic and professional growth of her students and peers.



# BBA in Aviation Management

BBA in Aviation Management is a full-time undergraduate degree course affiliated with Bengaluru North University. This course will enable those with a passion for Aviation to have a career in business operations and other non-technical areas of the Aviation industry.

The course develops your abilities in quick decision-making, computing skills and analytical thinking with a vast syllabus that covers various areas of Aviation as a business.

The faculty also focuses on developing communication, life and soft skills to help students successfully pass job interviews.

## Objective:

- To help students learn the fundamentals of Aviation as a Business and its ancillary services supporting the business.
- To develop interdisciplinary knowledge of Aviation and Management.
- To develop the ability to implement immediate solutions focused on safety, quality, competency and holistic approach.
- To align a student's character and attitude with the prevalent Aviation standards.
- To train a student to develop a good attitude, social behaviour, decision making, goal setting, and stay focused towards realising their goals.

## Placements & Career Prospects:

Employment opportunities in Aviation have more than doubled in recent years in India. Since 1986, Hindustan Academy has been successful in providing quality manpower through training collaborations with aviation companies in India and overseas. The Department of Aviation Management, together with the Placements Department, identifies potential companies and informs students of the available job opportunities. Aviation Management graduates are expected to be in high demand in India and abroad.

Students must be determined and motivated to take on any challenge. They are expected to be smart, confident, well-disciplined, innovative, punctual, have good communication skills, have good character and conduct, and be well-groomed (acceptable hairstyle and no visible tattoos). Students must not have any pending academic commitments. Eyesight without colour blindness, Height and Weight restrictions are to be complied with, as per the policies of the hiring company.

Some of the roles highly sought after are mentioned below:

- Crew / Flight Attendant
- Airport, Aerodrome Management & Operations
- Airport Services Management
- Airport Ramp Services - Baggage, Fuel, Hospitality, Engineering, Cargo
- Airport Safety & Security
- Airport Planning & Scheduling
- Airport Operations & Customer Service (AOCS)
- Aircraft Dispatcher, Air Traffic Controller with RTR (A) License
- Aircraft Maintenance Management (MROs)
- Aircraft Fleet Management
- Aircraft Purchase, Leasing, Chartering, Conversion & Scrapping
- Aviation Finance & Insurance
- Aviation Law & Aviation Regulations Authorities
- Aviation Advertising & Marketing
- Aviation Business Analytics - Route Revenue, Flight Analyst
- Pool Balancing
- Planning, Logistics and Material Management
- Logistics & Supply Chain Management
- Continuous Airworthiness Management & Operations (CAMO)
- Engineering Planning & Scheduling
- Crew Planning & Scheduling
- Ground Equipment Management & Operations
- Global Distribution Systems (Travelport, Amadeus & Sabre)
- Cabin Crew & Cabin Crew Training & Management
- Travel & Tou

## Minimum Eligibility Criteria:

**Pass 10 + 2 (or equivalent) from any Board**

**or**

**Pass Diploma approved by any AICTE or DTE Board**

Student of NIOS / Vocational / Related Courses in India / Abroad is required to get the Certification in their Institutional Letter-Head in the prescribed format, (available with the Admissions Department).



# Syllabus Matrix

## BBA in Aviation Management

### 1st YEAR

#### 1st Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Management Principles & Practices in Aviation	80	20	100	4
4	Business and Market Dynamics	80	20	100	4
5	Fundamentals of Accounting	80	20	100	4
6	Introduction to Aviation and Airline Industry	80	20	100	4
7	Constitutional and Moral Values/ Environmental studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

#### 2nd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Organisational Behaviour	80	20	100	4
4	Airline & Airport Marketing Management	80	20	100	4
5	Passenger Service Management	80	20	100	4
6	Business Statistics and Logic	80	20	100	4
7	Constitutional and Moral Values / Environmental Studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 2nd YEAR

#### 3rd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Corporate Administration	80	20	100	4
4	Cabin Crew Resource Management	80	20	100	4
5	Financial Management	80	20	100	4
6	Air Traffic Control	80	20	100	4
7	(A) Business Mathematics (B) Management Information System (C) Indian Knowledge System (Any one paper to be selected)	80	20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### 4th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Production and Operations Management	80	20	100	4
4	Entrepreneurship and Startup Ecosystem	80	20	100	4
5	Airline Customer Service	80	20	100	4
6	Aviation Law and Aircraft Rules and Regulations	80	20	100	4
7	(A) Banking, Financial Markets and Services (B) Employability Skills (C) Indian System of Health and Wellness (Any one paper to be selected)	80	20	100	3
8	Computer Applications in Business	40	10	50	2
<b>TOTAL</b>		<b>600</b>	<b>150</b>	<b>750</b>	<b>27</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 3rd YEAR

#### 5th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Air Transportation Safety and Security	80	20	100	4
2	Income Tax – I	80	20	100	4
3	Logistics & Supply Chain Management	80	20	100	4
4	Strategic Management	80	20	100	4
5	Elective (Paper – I)	80	20	100	3
6	Elective (Paper – II)	80	20	100	3
7	Internship in Aviation	Internship report 80	Viva 20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### 6th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Disaster Management in Aviation	80	20	100	4
2	Research Methodology	80	20	100	4
3	Income Tax – II	80	20	100	4
4	Business Taxation	80	20	100	4
5	Elective (Paper – III)	80	20	100	3
6	Elective (Paper – IV)	80	20	100	3
7	Major Research Project	Project 80	Viva 20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### ELECTIVE - I

#### V SEMESTER

Elective Group	Title of the Course
Airline Administration	Airport Infrastructure and Operations
Aviation Management	Aviation Finance and Insurance
Aviation Operations	Passenger & Baggage Handling
Information Technology	E-Business Information System

#### ELECTIVE - II

#### VI SEMESTER

Elective Group	Title of the Course
Airline Administration	Airline Enterprise Management
Aviation Management	Aircraft Maintenance Management
Aviation Operations	Ground Handling Services
Information Technology	Technological Trends in Aviation

#### Value Added Certificate Courses:

- IATA
- Logistics and Freight Transportation
- Air Cargo Management
- Artificial Intelligence for Manager
- Supply Chain Management

#### DISCLAIMER:

- Syllabus will change from the 5th Semester as per the NEP, with the approval of Bengaluru North University.
- Updated Syllabus relevant to each Semester will be shared, prior to the commencement of each Semester.

# BBA (Bachelor of Business Administration)

B.B.A - Bachelor of Business Administration is a full-time undergraduate degree course affiliated with Bengaluru North University. This undergraduate degree course enables you to learn business principles and practices like Business Management, Principles of Marketing, Customer Relations Management, Human Resources Management, Insurance, Analytics, Finance, MIS and Cost & Accounting Management and Advertising etc.

Students can also choose elective subjects to specialise in:

- **BBA - Finance**
- **BBA - Marketing**
- **BBA - Human Resources**

Internships, Business Case Competitions, Career fairs and Student Groups, all allow you to put Classroom Theories to the test, get innovative and network with industry professionals. Student-run commerce, Economics and Finance clubs offer support and a rich learning experience. In addition to the teaching imparted by qualified and experienced Staff, Guest Lecturers and Seminars by experienced management professionals from various Business Schools and Industries are arranged to provide the students with the latest trends in the business world.

The faculty also focuses on developing communication, life and soft skills to help students successfully pass job interviews.

## Objective:

- To enable students to pursue careers in Finance, Marketing, HR, etc
- To provide real-time business management experiences through Internships.
- To make every student employable and industry-ready.
- To develop entrepreneurship skills with interdisciplinary knowledge.
- To ensure students fit well into the global corporate environment.

## Placements & Career Prospects:

The faculty and the Placement Department identify potential companies and inform students of the available job opportunities. The Department of Management maintains and frequently updates a network with past and present students to assist the recently passed-out students in identifying suitable employment opportunities.

The student must be determined and motivated to take on any challenge. Students are expected to be smart, confident, well-disciplined, innovative, punctual, have good communication skills, have good character and conduct, and be well-groomed. Students must not have any pending academic commitments.

A few of the Sectors where our Students have been placed:

- Banking & Financial Services
- Insurance
- Sales & Marketing
- FMCG companies
- Analytical roles in Finance, Operations, Artificial Intelligence and
- Sales
- Customer Service and Support roles
- Print Media, Social Media and Networking agencies
- Advertising & TV Media
- Human Resources
- Logistics
- Hospitality - Hotel chains
- Oil & Gas
- Aviation
- Pharmaceutical and Hospital chains

## Minimum Eligibility Criteria:

**Pass 10 + 2 (or equivalent) from any Board or Pass Diploma approved by any AICTE or DTE Board**

Student of NIOS / Vocational / Related Courses in India / Abroad is required to get the Certification in their Institutional Letter-Head in the prescribed format, (available with the Admissions Department).



# Syllabus Matrix

## BBA (Bachelor of Business Administration)

### 1st YEAR

#### 1st Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Principles and Practices of Management	80	20	100	4
4	Business and Market Dynamics	80	20	100	4
5	Fundamentals of Accounting	80	20	100	4
6	Soft Skills for Managers	80	20	100	4
7	Constitutional and Moral Values / Environmental Studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

#### 2nd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Organizational Behaviour	80	20	100	4
4	Marketing Management	80	20	100	4
5	Financial Accounting	80	20	100	4
6	Business Statistics and Logic	80	20	100	4
7	Constitutional and Moral Values / Environmental Studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 2nd YEAR

#### 3rd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Corporate Administration	80	20	100	4
4	Human Resource Management	80	20	100	4
5	Financial Management	80	20	100	4
6	Corporate Accounting and Reporting	80	20	100	4
7	(A) Business Mathematics (B) Management Information System (C) Indian Knowledge System (Any one paper to be selected)	80	20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### 4th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	80	20	100	3
2	Language – II	80	20	100	3
3	Production and Operations Management	80	20	100	4
4	Entrepreneurship and Startup Ecosystem	80	20	100	4
5	Cost Accounting	80	20	100	4
6	Business Law	80	20	100	4
7	(A) Banking, Financial Markets and Services (B) Employability Skills (C) Indian System of Health and Wellness (Any one paper to be selected)	80	20	100	3
8	Computer Applications in Business	40	10	50	2
<b>TOTAL</b>		<b>600</b>	<b>150</b>	<b>750</b>	<b>27</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 3rd YEAR

#### 5th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Management Accounting	80	20	100	4
2	Income Tax – I	80	20	100	4
3	Logistics & Supply Chain Management	80	20	100	4
4	Strategic Management	80	20	100	4
5	Elective (Paper – I)	80	20	100	3
6	Elective (Paper – II)	80	20	100	3
7	Business Research Methodology	80	20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### 6th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	International Business	80	20	100	4
2	Project Management	80	20	100	4
3	Income Tax – II	80	20	100	4
4	Business Taxation	80	20	100	4
5	Elective (Paper – III)	80	20	100	3
6	Elective (Paper – IV)	80	20	100	3
7	Research Project	Project 80	Viva 20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### ELECTIVE - I

#### V SEMESTER

Elective Group	Title of the Course
Finance	Security Analysis and Portfolio Management
Marketing	Consumer Behaviour
Human Resource Management	Talent Acquisition Management
Business Analytics	Fundamentals of Business Analytics
International Business	Global Business Environment
Supply Chain Management	Logistics and Distribution Management

#### ELECTIVE - II

#### VI SEMESTER

Elective Group	Title of the Course
Finance	International Financial Management
Marketing	Retail Marketing
Human Resource Management	Performance and Compensation Management
Business Analytics	Data Analytics using R
International Business	International Trade Policy and Strategy
Supply Chain Management	Inventory Management

#### Value Added Certificate Courses:

- Artificial Intelligence for Managers
- Digital Marketing
- Business Analytics
- Entrepreneurial and Start-ups
- IATA Courses

#### DISCLAIMER:

- Syllabus will change from the 5th Semester as per the NEP, with the approval of Bengaluru North University.
- Updated Syllabus relevant to each Semester will be shared, prior to the commencement of each Semester.

# B.Com (Bachelor of Commerce)

B.Com - Bachelor of Commerce is a full-time undergraduate degree course affiliated with Bengaluru North University.

A degree in BCom enables you to understand the basic principles and practices of trade. You learn the basic dynamics of business and entrepreneurship by learning the basics like Accounting, Auditing, Insurance, Company Law, Corporate Secretarial Practice, Financial Management, etc.

Students can choose elective subjects to specialise in

- **BCom - Finance**
- **BCom - Accounting & Taxation**
- **BCom - Information & Technology (IT)**
- **BCom - Banking & Insurance**

Internships, Business Case Competitions, Career fairs and Student Groups, all allow you to put Classroom Theories to the test, get innovative and network with industry professionals. Student-run commerce, Economics and Finance clubs offer support and a rich learning experience. In addition to the teaching imparted by qualified and experienced Staff, Guest Lecturers and Seminars by experienced management professionals from various Business Schools and Industries are arranged to provide the students with the latest trends in the business world.

The faculty also focuses on developing your communication skills training, life skills and soft skills to help you crack your desired first job interviews.

## Objective:

- To encourage students to take up careers in Accounting, Auditing, Taxation and financial allied sectors.
- To develop a student's analysis of the capital, commodity markets and securities.
- To encourage entrepreneurship.
- To develop a business focused on social and environmental responsibility following ethical practices and ensuring ecological sustainability.

## Placements & Career Prospects:

The faculty and placement department identify potential companies and inform students of the available job opportunities. The Department of Commerce maintains and frequently updates a network with past and present students to assist the recently passed-out students in identifying suitable employment opportunities.

The student must be determined and motivated to take on any challenge. Students are expected to be smart, confident, well-disciplined, innovative, punctual, have good communication skills, have good character and conduct, and be well-groomed. Students must not have any pending academic commitments.

A few of the Sectors where our Students have been placed:

- Accountancy & Auditing
- Banking & Law
- Consultancies - Finance, Tax, Business
- Company Secretary
- Wealth Management
- Financial Risk Management
- Stock Brokering & Commodity Trading
- Investment Banking
- Insurance Services
- Government Services
- Family Business
- Logistics

## Minimum Eligibility Criteria:

**Pass 10 + 2 (or equivalent) from any Board**

**or Pass Diploma approved by any AICTE or DTE Board**

Student of NIOS / Vocational / Related Courses in India / Abroad is required to get the Certification in their Institutional Letter-Head in the prescribed format, (available with the Admissions Department).



# Syllabus Matrix

## B.Com (Bachelor of Commerce)

### 1st YEAR

#### 1st Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-I*	80	20	100	3
2	Language-II	80	20	100	3
3	Financial Accounting	80	20	100	4
4	Management Dynamics and Applications	80	20	100	4
5	Corporate Administration	80	20	100	4
6	Business Decisions & Market Structures	80	20	100	4
7	Constitutional & Moral Values (or) Environmental Studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

#### 2nd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-I*	80	20	100	3
2	Language-II	80	20	100	3
3	Advanced Financial Accounting	80	20	100	4
4	Human Resource Management	80	20	100	4
5	Indian Financial System	80	20	100	4
6	BUMASTICS – I	80	20	100	4
7	Constitutional & Moral Values or Environmental Studies	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 2nd YEAR

#### 3rd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-I*	80	20	100	3
2	Language-II	80	20	100	3
3	Corporate Accounting	80	20	100	4
4	Financial Management	80	20	100	4
5	Banking & Insurance	80	20	100	4
6	BUMASTICS – II	80	20	100	4
7	Event Management or Option 2	80	20	100	4
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>26</b>

#### 4th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-I	80	20	100	4
2	Language-II	80	20	100	4
3	Advanced Corporate Accounting	80	20	100	4
4	Marketing Management	80	20	100	4
5	Cost Accounting	80	20	100	4
6	Computer Applications in Business	80	20	100	4
7	E-Commerce or Entrepreneurship & Start-ups	80	20	100	4
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>26</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 3rd YEAR

#### 5th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Goods & Services Tax	80	20	100	4
2	Income Tax – 1	80	20	100	4
3	Costing Methods & Techniques	80	20	100	4
4	Auditing	80	20	100	4
5	Specialization – 1	80	20	100	3
6	Specialization – 2	80	20	100	3
7	Internship	60	40	100	3
<b>TOTAL</b>		<b>540</b>	<b>160</b>	<b>700</b>	<b>25</b>

#### 6th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Business Taxation	80	20	100	4
2	Income Tax – 2	80	20	100	4
3	Management Accounting	80	20	100	4
4	Mercantile Law	80	20	100	4
5	Specialization – 1	80	20	100	3
6	Specialization – 2	80	20	100	3
7	Business Research Methodology	80	20	100	3
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>25</b>

#### Value Added Certificate Courses:

- EXIM Management,
- FINTECH Services
- Tax Practice in Accounting
- Emerging Technologies like Blockchain and Cryptocurrency
- BFSI (Banking, Financial Services, and Insurance)

#### DISCLAIMER:

- Syllabus will change from the 5th Semester as per the NEP, with the approval of Bengaluru North University.
- Updated Syllabus relevant to each Semester will be shared, prior to the commencement of each Semester.

# BCA (Bachelor of Computer Applications)

BCA - Bachelor of Computer Applications is a full-time undergraduate degree course affiliated with Bengaluru North University.

A BCA degree is considered at par with a B.Tech/BE degree in Computer Science or Information Technology. The degree helps interested students set up a sound academic base for an advanced career in Computer Applications, Software Development, IT Analysis, Web Development, Software publishing, Artificial Intelligence, etc. This course bridges the gap between IT industries and Institutes by incorporating the latest developments into the curriculum. An exclusive and well-equipped lab for the department, featuring a network of the latest Client-based computers and software installed, provides hands-on training in various fields of computers, and a high speed leased internet line which enables students to update themselves with the recent trends in the industry. The College has a placement cell to guide our young software professionals seeking, career opportunities in the IT industry.

## Objective:

- The course is for those students who are interested in the field of Computer Science and wish to gain knowledge in various aspects of computer applications like networking, software engineering, hardware engineering, website designing, etc.
- BCA provides and demonstrates in-depth knowledge in technical areas of industrial computing systems, which easily leads to skills required to meet the challenges of the IT world.
- A candidate with a BCA degree is in huge demand since manpower is continuing to get replaced by the systems and the need for good skilled experts and professionals are found suitable to operate and function.
- Developing Software and websites, providing Software support, IT Publishing support and computer applications. Programming and networking are also core areas of the subject.
- The course imparts the basic aspects of computers, software, and applications from the perspective of science.

## Placements & Career Prospects:

In the ever-growing IT industry, the demand for BCA graduates is increasing rapidly. With a BCA degree, candidates can find lucrative job opportunities in the private as well public sectors.

Leading IT companies recruiting BCA graduates include Oracle, IBM, Infosys and Wipro. Government organizations like the Indian Defence Services hire a large number of computer professionals for their IT departments.

Some of the job profiles that our Students have been placed in:

- System Engineer
- Software Tester
- Junior Programmer
- Web Developer
- System Administrator
- Software Developer
- Graphic Designer
- Product Designing

## Minimum Eligibility Criteria:

**Pass 10 + 2 (or equivalent) from any Board**

or

**Pass Diploma approved by any AICTE or DTE Board**



# Syllabus Matrix

## BCA (Bachelor of Computer Applications)

### 1st YEAR

#### 1st Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-I*	80	20	100	3
2	English-I	80	20	100	3
3	Fundamentals of Computers	80	20	100	4
4	Programming in C	80	20	100	4
5	Computational Discrete Mathematics	80	20	100	4
6	Office Automation Lab	40	10	50	2
7	C Programming Lab	40	10	50	2
8	Constitutional Values-I	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

#### 2nd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-II*	80	20	100	3
2	English-II	80	20	100	3
3	Data Structures Using C	80	20	100	4
4	Statistical Methods using R Programming	80	20	100	4
5	Operating System Concepts	80	20	100	4
6	Data Structures Lab	40	10	50	2
7	R Programming Lab	40	10	50	2
8	Constitutional Values-II	40	10	50	2
<b>TOTAL</b>		<b>520</b>	<b>130</b>	<b>650</b>	<b>24</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 2nd YEAR

#### 3rd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language 1*	60	40	100	3
2	General English	60	40	100	3
3	Database management system	60	40	100	3
4	C# & dotnet frame work	60	40	100	3
5	Social media marketing(Open Elective)	60	40	100	2
6	India & Indian Constitution	30	20	50	3
7	Computer communication & networks	25	25	50	2
8	DBMS lab	25	25	50	2
<b>TOTAL</b>		<b>380</b>	<b>270</b>	<b>650</b>	<b>26</b>

#### 4th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language 1*	60	40	100	3
2	General English	60	40	100	3
3	Python programming	60	40	100	3
4	Computer Multimedia & Animation	60	40	100	3
5	Operating system Concepts	60	40	100	3
6	Python programming – Lab	30	20	50	3
7	Computer Multimedia & Animation – Lab	25	25	50	3
8	Business leadership skills(Open Elective)	60	40	100	4
9	Open Source Tools	25	25	50	2
<b>TOTAL</b>		<b>400</b>	<b>310</b>	<b>750</b>	<b>27</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 3rd YEAR

#### 5th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Design & Analysis of Algorithms	60	40	100	4
2	Design & Analysis of Algorithms Lab	25	25	50	2
3	Statistical Computing and R Programming	60	40	100	4
4	R Programming Lab	25	25	50	2
5	Software Engineering	60	40	100	4
6	A. Cloud Computing B. Business Intelligence	60	40	100	3
7	Digital Marketing(Open Elective)	60	40	100	3
8	Cyber Security	30	20	50	2
<b>TOTAL</b>		<b>380</b>	<b>270</b>	<b>650</b>	<b>24</b>

#### 6th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Artificial Intelligence and Applications	60	40	100	4
2	PHP and MySQL	60	40	100	4
3	PHP and MySQL Lab	25	25	50	2
4	Project Work				6
5	A. Fundamentals of Data Science B. Mobile Application Development	60	40	100	3
6	Web Content Management System	60	40	100	3
7	Logical Reasoning	30	20	50	2
<b>TOTAL</b>		<b>295</b>	<b>205</b>	<b>500</b>	<b>24</b>

#### Value Added Certificate Courses:

- Artificial Intelligence    • Internet of Things
- Python    • Data Science
- Computer Network    • Database Management

#### DISCLAIMER:

- Syllabus will change from the 5th Semester as per the NEP, with the approval of Bengaluru North University.
- Updated Syllabus relevant to each Semester will be shared, prior to the commencement of each Semester.

# B.Sc. Aircraft Maintenance

BSc Aircraft Maintenance is a full-time undergraduate degree course affiliated with Bengaluru North University.

The course curriculum runs parallel with the DGCA CAR 147 Basic AME course which includes practical training on aircraft, workshops and labs on campus. This course prepares students for careers in Aeronautics & Aviation. Students undergo theoretical and practical training in exciting areas like Aerodynamics, Avionics, Materials & Hardware, Human Factors, Aviation Legislation, Aircraft Structures, Gas Turbine and Piston Propulsion, and Maintenance Engineering Techniques.

## Objective:

- Offer dual qualifications – DGCA CAR 147 Basic AME License & UG Degree specifically for those opting to do both Examinations.
- To develop knowledge of basic Aerodynamics and other Aeronautical Sciences through Practical training & Experience on aircraft in the Campus.
- To develop the skills to identify problems that may be detrimental to the safe operations of an Aircraft in the quickest and safest possible manner.
- To create a habit of "attention to detail" and precision without compromising on Safety & Quality.
- To develop disciplined workshop practices and maintenance practices.

## Placements & Career Prospects:

With the number of passenger aircraft expected to triple in the next decade and the installation of improved infrastructure at all the major airports, graduates with academic training in technical or non-technical areas of Aviation are expected to be in good demand shortly in India and overseas.

The various job roles that Graduates can have upon successful completion are mentioned below:

- Line Maintenance Engineers / Technicians
- Base Maintenance Engineers / Technicians
- Planning, Logistics & Management of MRO.
- Supporting MRO Technical services in Production planning, Component management, Material management, Maintenance planning, Technical publications, Documentation, etc.
- Airworthiness, Quality Assurance, Compliance monitoring
- Continuous Airworthiness Management & Operations (CAMO)
- Planning of Aircraft Servicing, Crew, Production, Flight Operations, and Technical Services.
- Ground Equipment Engineering & Management
- Airport Services such as Transportation, Hospitality, Baggage handling, Fuel Supply Management, Quality Management & Control, Estate Management and Air Field Security.
- Logistics (Air Cargo),
- Corporate Fleet Management; Purchase & Sale, Lease & Charters, Conversions and Scrapping.
- Air Traffic Control
- Aircraft Dispatcher
- Flight Engineer or Pilot
- Cabin Crew
- Load-Master
- Scheduling & Network Planning
- Airside Safety & Security
- Data analysts – flight data, commercial data, route revenue, business development, etc
- Civil Aviation Regulatory - Government Authorities
- NDT Engineers, Composite Engineers, Sheet Metal Engineers

## Minimum Eligibility Criteria:

Pass 10+2 (or equivalent) in Physics, Chemistry and Mathematics.

Or

Pass a Diploma in Mechanical / Aeronautical / Electrical / Electronic Engg from any Polytechnic approved by the DTE Board and AICTE.



# Syllabus Matrix

## B.Sc. Aircraft Maintenance

### 1st YEAR

#### 1st Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-1*	80	20	100	3
2	Language-II English	80	20	100	3
3	Basic Aerodynamics	80	20	100	4
4	Electrical Fundamentals	80	20	100	4
5	Aircraft Materials-1	80	20	100	4
6	Indian Constitution/EVS	80	20	100	2
7	Electrical Fundamentals	40	10	50	2
8	Aircraft Materials	40	10	50	2
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>24</b>

#### 2nd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language-1*	80	20	100	3
2	Language II English	80	20	100	3
3	Aircraft Materials – 2	80	20	100	4
4	Human Factors	80	20	100	4
5	Electronic Fundamentals	80	20	100	4
6	Indian Constitution/EVS	80	20	100	2
7	Aircraft Materials 2 Laboratory	40	10	50	2
8	Electronic Fundamentals Laboratory	40	10	50	2
<b>TOTAL</b>		<b>560</b>	<b>140</b>	<b>700</b>	<b>24</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 2nd YEAR

#### 3rd Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language -I*	60	40	100	3
2	Language – II English	60	40	100	3
3	Human Factors	60	40	100	3
4	Maintenance Practices -1	60	40	100	3
5	Electronic Fundamentals and Digital Technology – II	60	40	100	3
6	Artificial Intelligence	30	20	50	2
7	Open Elective	60	40	100	3
8	Maintenance Practices – 1 Practical Lab	35	15	50	2
9	Electronic Fundamentals & Digital Technology – II Practical Lab	35	15	50	2
<b>TOTAL</b>		<b>410</b>	<b>290</b>	<b>700</b>	<b>24</b>

#### 4th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Language – I*	60	40	100	3
2	Language – II English	60	40	100	3
3	Indian Constitution	30	20	50	2
4	Maintenance Practices – II	60	40	100	4
5	Aircraft Materials – II	60	40	100	4
6	Aircraft Systems	60	40	100	3
7	Open Elective	60	40	100	3
8	Maintenance Practices – II Practical Lab	35	15	50	2
9	Aircraft Material – II Practical Lab	35	15	50	2
<b>TOTAL</b>		<b>410</b>	<b>290</b>	<b>700</b>	<b>26</b>

\*Language 1 – Kannada/ Advanced English/ Hindi

### 3rd YEAR

#### 5th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Aircraft Avionics	60	40	100	4
2	Aircraft Systems – II	60	40	100	4
3	Jet Engines	60	40	100	4
4	Elective – I	60	40	100	3
5	Vocational – I				
	Internship – 8 Weeks	60	40	100	3
6	Cyber Security	30	20	50	2
7	Aircraft Avionics Lab	25	25	50	2
8	Aircraft Systems – II Lab	25	25	50	2
<b>TOTAL</b>		<b>380</b>	<b>270</b>	<b>650</b>	<b>24</b>

Sl.No	Elective – I
1	Piston Engine -II
2	Rotor Aircraft -I

#### 6th Semester

Sl. No.	Subject Title	External Exam	Internal Exam	Total Marks	Credits
1	Aircraft Electricals	60	40	100	4
2	Aircraft Propulsion	60	40	100	4
3	Elective – II	60	40	100	3
4	Vocational – II				
	Industrial Training – 8 Weeks	60	40	100	3
5	Project	100	50	150	6
6	Professional Communication	30	20	50	2
7	Aircraft Electricals Laboratory	25	25	50	2
<b>TOTAL</b>		<b>395</b>	<b>255</b>	<b>650</b>	<b>24</b>

Sl.No	Elective – I
1	Piston Engine Maintenance
2	Rotor Aircraft -II

Note: Subjects and Schemes from IV to VI may change as per the SEP

**DISCLAIMER:**

- Syllabus will change from the 5th Semester as per the NEP, with the approval of Bengaluru North University.
- Updated Syllabus relevant to each Semester will be shared, prior to the commencement of each Semester.

## IATA - Authorised Training Centre

A student can choose to do the IATA course along with her/his undergraduate or postgraduate degree course, thereby increasing the scope of employability. Students gain additional skills/knowledge apart from their regular academic syllabus, tailor-made to their choice for a successful future.

Minimum eligibility required to do an IATA course is 12th Std. Pass in any stream.

Professionals who wish to enhance their career prospects and update their skillsets in Aviation can avail the same courses. For schedule of classes and other information, please contact IATA ATC office at the Academy.

### **Hindustan Aviation Academy - IATA Authorised Training Centre courses available include:**

- Airline Customer Service • Airport Operations • Airport Ramp Services • Air Transport Fundamentals
- Basic Airside Safety Course • Foundation of Travel & Tourism - Amadeus

Course duration and fees vary for each type of course.

IATA is the sole authority to conduct exams and issue certificates to successful candidates.

## Training Partnerships



**Deccan**



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Our Students are recruited by:



## HINDUSTAN BUSINESS SCHOOL

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