

# HANDBOOK

on

Choice Based Credit System  
(CBCS)

as per UGC Guidelines - Dec. 2015

in

3-year Undergraduate Programmes

2016



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**2016**



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## **Handbook on Choice Based Credit System** **(CBCS) - A Process**



## **Handbook on Choice Based Credit System (CBCS) - A Process**

Official communication on the adoption of Choice Based Credit System (CBCS) as per the new Guidelines along with a copy of the Instructional Template for Facilitating Implementation of CBCS laid down by UGC for all 3-year Undergraduate Programmes was received by Jain University on 14.12.2015.

- In the following week the honourable Vice Chancellor Dr. N. Sundararajan held detailed discussions on the possibility and feasibility of implementing CBCS in all the ongoing as well as proposed new Bachelor Degree Courses in the academic year 2016-17 with Dr. Jayagopal Uchil, the Director (Academics & Planning) and Prof. N.V.H. Krishnan, the Registrar of Jain University. It was decided to place the issue before the Standing Committee of the Board of Management for taking it forward.
- The Vice Chancellor gave a brief background and the highlights of CBCS to all the members of the Standing Committee in the meeting held on 31st December, 2015. A model framed on the basis of the recent guidelines from UGC for B.A., B.Sc., B.Com. etc. was presented to all the members. Adoption of CBCS in UG courses was discussed thoroughly by the members and several suggestions were put forward. The Chairman constituted a Sub-committee consisting of core members, Dr. Sandeep Shastri, Pro Vice Chancellor, Dr. Mithileshwar Jha, Pro Vice Chancellor, Prof. N.V.H. Krishnan, Registrar and Dr. Jayagopal Uchil, Director (Academics & Planning) for working out the value framework and benchmark parameters for the introduction and adoption of CBCS.
- The Sub-committee met a couple of times along with Deans of various Faculties and on the basis of the discussions Prof. N.V.H. Krishnan prepared a PPT presentation on the implementation plan of CBCS. It was circulated to all the Center Directors, Deans and Heads of the Departments on 7th January, 2016.
- The Director (Academics & Planning) presented the framework prepared by the Sub-committee for the adoption of CBCS as per UGC Guidelines in the Standing Committee meeting held on 18th January, 2016. He gave a gist of the resolutions arrived at by the Sub-committee regarding the distribution of the credits over various components of CBCS, the total number of credits for 3-year degree programmes, retention of Language courses in the first two semesters of all degree programmes, (exception being Honours courses, wherein it is limited to only the Semester I) and continuing Mind Management & Human Values as a mandatory Skill Enhancement Course. The Vice Chancellor congratulated the Sub-committee for devising an excellent framework for the implementation of CBCS in UG

programmes. He suggested to the Director (Academics & Planning) to prepare a Handbook containing the details of the courses offered under CBCS by various Faculties for the benefit of all stakeholders.

- It was found necessary to convene a meeting of the Chairpersons of Boards of Studies (BoS) and Internal Members of all BoS to impress upon them the need to understand the terminologies involved in the structure of the CBCS and their significance. Such a meeting was convened on 1st February, 2016 by the Director (Academics & Planning). The components of CBCS like Core Courses, Discipline Specific Electives (DSE), Generic Electives (GE), Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC) were properly defined and explained. The number of credits assigned for each component as per UGC guidelines was dealt with.
- The set of Generic Electives which represents one of the special features of the CBCS was required to be selected through inter-disciplinary interactions. The purpose of this category of papers is to offer the students an option to explore disciplines of their interest beyond the papers they study in Core and choices they make in DSE. Therefore, careful selection of a basket of options should be prepared and offered to students for the purpose of integrated development of knowledge base. For this purpose, Dr. Sandeep Shastri was designated to take care of GE courses for UG Degree Programmes coming under the Faculties of Humanities & Social Sciences and Languages, Dr. J. Uchil was given the responsibility of the Faculty of Sciences and Prof. N.V.H. Krishnan that of Commerce & Management Faculties. Several interaction meetings with the respective Chairpersons of Boards of Studies and Program Coordinators resulted in the finalisation of a set of relevant & interesting subjects of study under GE for all the UG Degree programmes.
- Based on the models provided by the Director (Academics & Planning), Boards of Studies responsible for the various Bachelor Degree Programmes, designed the CBCS Structure, developed Curriculum Matrix for the Semesters I to VI for the 3-year course work and forwarded for approval. The compilation of the Course Structure and Curriculum Matrix of all the 18 UG Programmes in the form of a Handbook was placed before the Standing Committee held on 19th March, 2016 by the Director (Academics & Planning). The Committee appreciated the meticulous work carried out and gave its recommendation for the implementation of the CBCS in the academic year 2016-17.
- The introduction of CBCS in UG programmes was also discussed in detail in the meeting of Planning & Monitoring Board held on 9th April, 2016. The distinguished external members like Swami Atmapriyananda, Vice Chancellor, Ramakrishna Mission Vivekananda University, Howrah, WB (UGC Nominee) and Dr. A.R. Upadhyaya, DRDO Distinguished Fellow, Aeronautical Development Agency (ADA), Bangalore, gave constructive suggestions for the smooth implementation of CBCS. The Board accorded its approval for the implementation and congratulated the University for bringing out the details of CBCS in the form of a Handbook for the benefit of all the stakeholders.

- The Academic Council which met on 21st April, 2016 under the Chairmanship of the honourable Vice Chancellor devoted considerable time on the discussion on various components of CBCS structure, in particular, about the subjects of choice introduced under Discipline Specific Electives (DSE), Generic Electives (GE) and Skill Enhancement Courses (SEC). Eminent external members like Prof. E.S. Dwarakadasa, Chairman & MD, Karnataka Hybrid Micro Devices Ltd., Dr. J Gururaja, Former Adviser, Ministry of New and Renewable Energy, GOI and Dr. G.S.D. Babu, Director, M.P.Birla Institute of Fundamental Research, gave very useful suggestions for the implementation of CBCS in UG programmes and complimented all the concerned for the voluminous preparatory work done in this regard. Academic Council accorded approval for the implementation of CBCS in the Academic year 2016-17 as per the details given in the Handbook.
- Dr. Chenraj Roychand, the visionary President of Jain University Trust, has encouraged the implementation of CBCS in all Bachelor degree programmes detailed in this Handbook and has assured his benevolent support.

It is earnestly hoped that the CBCS structure designed and the Course work developed by our University are going to be benchmarks for other Universities to follow. The success of CBCS depends on the proper implementation of the UGC Guidelines both in letter and spirit.

**Dr. Jayagopal Uchil**  
Director (Academics & Planning)  
Jain University





**Adoption of CBCS in UG Courses**  
**as per UGC Guidelines**



## Adoption of CBCS in UG Courses as per UGC Guidelines

### **Introduction**

Jain University has planned to implement the initiative of the University Grants Commission (UGC) to bring about a qualitative improvement in the national higher education system through Choice Based Credit System (CBCS) from the Academic Year 2016-17 in all 3-year Undergraduate (UG) programmes.

The CBCS allows students to choose Discipline Specific Electives (intra disciplinary), Generic Electives (interdisciplinary) and Skill Enhancement Courses along with mandatory Ability Enhancement Courses and compulsory Core courses associated with any degree programme. The emphasis is shifted from teacher-centric education to the student-centric education and the CBCS makes education broad based and at par with global standards.

UGC Guidelines stipulates the following components for a 3-year UG degree programme, each having a total of 132 credits :

- |  |                    |
|--|--------------------|
| 1. Core Courses (CG)                             | - 72 Credits       |
| 2. Discipline Specific Electives (DSE)           | - 20 (18*) Credits |
| 3. Generic Electives (GE)                        | - 16 (18*) Credits |
| 4. Ability Enhancement Compulsory Courses (AECC) | - 08 Credits       |
| 5. Skill Enhancement Courses (SEC)               | - 16 Credits       |

(\* for Degree programme having 3 optional disciplines)

In addition our University has taken a considered view to offer English and any one Indian Language (Hindi / Sanskrit / Kannada) as subjects of study in the first two Semesters by allocating an additional 16 Credits across all UG Degree Programmes. However, for UG Honours programmes this is limited to only 8 Credits in the first Semester. Thereby, the total number of credits is capped at 148 Credits for all UG Programmes.

Further, University has also made it mandatory to offer Mind Management and Human Values, one of its unique best practices, as a subject under Skill Enhancement Courses.

## **List of Under Graduate (UG) Courses coming under Choice Based Credit System (CBCS) with Course Structure and Curriculum Matrix**

### **Faculty of Sciences**

1. B.Sc. in Physical Sciences – (Physics, Mathematics & Computer Sciences - PMCs)
2. B.Sc. in Life Sciences – (Chemistry, Microbiology & Biotechnology - CMBt)
3. B.Sc. in Forensic Science
4. B.Sc. in Animation
5. B.Sc. in Interior Design
6. Bachelor of Computer Applications (BCA)
7. BCA (with specialisation in Data Analytics / Cloud Technology and Information Security / Information Security and Infrastructure Management in IT / Information Security and Mobile Applications / Mobile Applications and Cloud Technology)

### **Faculty of Humanities & Social Sciences**

8. BA (Psychology, Journalism and Optional English)
9. BA (Psychology, Sociology and Economics)
10. BA (Journalism & Mass Communication)

### **Faculty of Commerce**

11. Bachelor of Commerce (B.Com.) (with specialisation in Marketing / Finance / Accounting / Finance and Actuarial Studies / Global Business Services / Financial Markets)
12. B.Com. (Honours) in International Finance and Accounting
13. B.Com. (Honours) in Risk Management
14. B.Com. (Honours) in Global Accounting Practice
15. B.Com. (Honours) (with specialization in “Accounting” / “Finance”)

### **Faculty of Management**

16. Bachelor of Business Administration (BBA)
17. Bachelor of Management Studies (with specialisations: [i.] Financial Services [ii.] International Business)
18. Bachelor of Management Studies (Tourism & Hospitality Management)



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**B.Sc. in Physical Sciences**

**(Physics, Mathematics & Computer Sciences - PMCs)**



## B.Sc. in Physical Sciences (Physics, Mathematics & Computer Sciences - PMCs)

### CBCS Structure

#### Optional – Physics

<b>Core Courses</b>	<b>24 Credits</b>
Core -1 : Mechanics& Properties of Matter	4 Credits
Learning Labs :	2 Credits
Core – 2 : Thermal Physics, Statistical Mechanics and Acoustics	4 Credits
Learning Labs :	2 Credits
Core – 3: Optics, Electricity and Magnetism	4 Credits
Learning Labs :	2 Credits
Core –4: Elements of Modern Physics	4 Credits
Learning Labs :	2 Credits
<b>Discipline Specific Electives (DSE):</b>	<b>6 Credits (4+2)</b>
1. Solar and Astro Physics	
2. Materials Science	
3. Analog and digital electronics	
4. Nuclear & Particle Physics	
5. Project*	
<b>Generic Electives (GE): (Any one)</b>	<b>6 Credits</b>
1. Economics of Entrepreneurship [ BoS Economics]	(5L+1T)
2. Elements of Chemistry [BoS Chemistry]	(4L+2P)

\*Project under DSE can be offered in the final semester

Conditions for opting to the projects are:

1. Students should not have backlog up to 4th semester
2. They should have obtained distinction on an aggregate in the first four semesters
3. A student can opt for any one of the three projects prescribed.

## Optional – Mathematics

### Core Courses: **24 Credits**

Core I : Matrices & Analytical geometry in 3D	3 Credits
Core II : Differential Calculus Part I, Combinatorics & LPP	3 Credits
Core III: Surfaces, Differential Calculus Part II & Numerical Analysis Part I	3 Credits
Core IV: Integral Calculus, Probability & Graph Theory Part I	3 Credits
Core V: Group Theory, Application of Integration & Graph Theory Part II	3 Credits
Core VI: Differential Equation Part I, Numerical Solution to Differential equation & Sequences	3 Credits
Core VII: Group theory Part II, Series of Real Numbers & Laplace Transforms	3 Credits
Core VIII: Differential Calculus, Differential Equations Part II Fourier Series	3 Credits

### Discipline Specific Electives (DSE): (Any One) **6 Credits (3+3)**

(1) (i) Line and Multiple Integrals, Integral Theorems & Differential Calculus of Two variables &	3 Credits
(ii) Ring Theory, Partial Differential Equations	3 Credits
(2) (i) Geometry of Space Curves, Vector Differential Calculus & Improper Integrals &	3 Credits
(ii) Linear Algebra & Numerical Analysis	3 Credits
(3) (i) Complex Analysis & Fourier Transforms &	3 Credits
(ii) article Dynamics & Calculus of Variation	3 Credits
(4) (i) Topology, Boolean Algebra &	3 Credits
(ii) Theory of Equations, Transportation and Game theory	3 Credits

### Generic Electives (GE): (Any one) **6 Credits (4+2)**

1. Document analysis [BoS Forensic Science] (4+2)
2. Inference theory [BoS Mathematics & Statistics] (4+2)

## Optional – Computer Science

**Core Courses:** **24 Credits**

Core I :	Digital Fundamentals and Object Oriented Programming Using C++	4 Credits
	Learning Lab :	2 Credits
Core II:	Theory : Data Structure	4 Credits
	Learning Lab :	2 Credits
Core III:	Java Programming	4 Credits
	Learning Lab :	2 Credits
Core IV:	Operating System and UNIX	4 Credits
	Learning Lab :	2 Credits

**Discipline Specific Electives (DSE): (Any one)** **6 Credits (4+2)**

1. Data Mining
2. System programming
3. Computer Networks
4. Relational Data base Management System
5. Project work/Dissertation\*

**Generic Electives (GE): (Any one)** **6 Credits**

1. Human Resource Management and Organization Behavior [BoS Mgt. ] (5L+1T)
2. Herbal wealth & healing [BoS Microbiology] (4L+2P)

\*Project under DSE can be offered in the final semester

Conditions for opting to the projects are:

1. Students should not have backlog up to 4th semester
2. They should have obtained distinction on an aggregate in the first four semesters
3. A student can opt for any one of the three projects prescribed.

**Ability Enhancement Compulsory Courses (AECC):** **4 Credits each (4 x 2 = 8 Credits)**

1. Communicative English
2. Environment science

**Skill Enhancement Courses (SEC) :**

**4 Credits each (4 x 4 = 16 Credits)**

1. Basic Electronics &Instrumentation skills / Basic Statistics
2. Renewable energy and Energy harvesting/ Software Engineering & Testing
3. Mathematical Modeling/ Programming in Android
4. Mind Management & Human Values ( Mandatory)

**Languages (Sem I &Sem II) :**

**16 Credits**

**(Total :  $36 \times 3 + 16 + 8 + 16 = 148$  Credits)**

**B.Sc. in Physical Sciences**  
**(Physics, Mathematics & Computer Sciences - PMCs)**

**Curriculum Matrix**

**Semester I**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	PHYSICS- 1 Mechanics and Properties of Matter	4	-	4	6	70	30	50	150
	MATHEMATICS-I	3	-	-	3	60	15	-	75
	MATHEMATICS-II	3	-	-	3	60	15	-	75
	COMPUTER SCIENCE-1 Digital Fundamentals and Object Oriented Programming Using ++	4	-	4	6	70	30	50	150
	<b>Total</b>	<b>22</b>	-	<b>8</b>	<b>26</b>	<b>400</b>	<b>150</b>	<b>100</b>	<b>650</b>
	<b>Skill Enhancement Course (SEC) - 1 Mind Management &amp; Human Values</b>	4	-	-	4	70		30	100

**Semester II**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	PHYSICS-2 Thermal And Statistical Physics and Acoustics	4	-	4	6	70	30	50	150
	MATHEMATICS-III	3	-	-	3	60	15	-	75
	MATHEMATICS-IV	3	-	-	3	60	15	-	75
	COMPUTER SCIENCE-2 Data Structures	4	-	4	6	70	30	50	150
	<b>Total</b>	<b>22</b>	-	<b>8</b>	<b>26</b>	<b>400</b>	<b>150</b>	<b>100</b>	<b>650</b>

**UE : Semester End University Examinations**

**IA : Internal Assessment**

**CA : Continuous Assessment**

### Semester III

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
	PHYSICS- 3 Optics, Electricity & Magnetism	4	-	4	6	70	30	50	150
	MATHEMATICS-V	3	-	-	3	60	15	-	75
	MATHEMATICS-VI	3	-	-	3	60	15	-	75
	COMPUTER SCIENCE- 3 Java Programming	4	-	4	6	70	30	50	150
	<b>Ability Enhancement Compulsory Course (AECC)-1 Communicative English</b>	4	-		4	70	30	-	100
<b>Total</b>		<b>18</b>	-	<b>8</b>	<b>22</b>	<b>330</b>	<b>120</b>	<b>100</b>	<b>550</b>

### Semester IV

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
	PHYSICS-4 Elements of Modern Physics	4	-	4	6	70	30	50	150
	MATHEMATICS-VII	3	-	-	3	60	15	-	75
	MATHEMATICS-VIII	3	-	-	3	60	15	-	75
	COMPUTER SCIENCE- 4 Operating System and Unix	4	-	4	6	70	30	50	150
	<b>Ability Enhancement Compulsory Course (AECC)-2 Environment Science</b>	4	-		4	70	30	-	100
<b>Total</b>		<b>18</b>	-	<b>8</b>	<b>22</b>	<b>330</b>	<b>120</b>	<b>100</b>	<b>550</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	<b>Generic Elective (GE) -1</b> Economics Of Entrepreneurship <b>OR</b> Elements of Chemistry	5	1	-	6	100	50	-	150
	<b>Generic Elective (GE) -2</b> Human Resource Management & Operational Behaviour <b>OR</b> Herbal Wealth & Healing	5	1	-	6	100	50	-	150
	<b>Skill Enhancement Course (SEC) – 2</b> Basic Electronics & Instrumentation Skills <b>OR</b> Basic Statistics	3	-	2	4	60	15	25	100
	<b>Skill Enhancement Course (SEC) – 3</b> Renewable Energy And Energy Harvesting <b>OR</b> Software Engineering & Testing	3	-	2	4	60	15	25	100
	<b>Skill Enhancement Course (SEC) – 4</b> Mathematical Modeling <b>OR</b> Programming in Android	3	-	2	4	60	15	25	100
<b>Total</b>		<b>19</b> OR 17	<b>2</b> OR 0	<b>14</b>	<b>24</b>	<b>380</b> OR 320	<b>145</b> OR 105	<b>75</b> OR 175	<b>600</b>

Semester VI

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	<b>Discipline Specific Elective (DSE) Physics</b>	4	-	4	6	70	30	50	150
	<b>Discipline Specific Elective (DSE) Mathematics</b>	3	-	-	3	60	15	-	75
	<b>Discipline Specific Elective (DSE) Mathematics</b>	3	-	-	3	60	15	-	75
	<b>Discipline Specific Elective (DSE) Computer Science</b>	4	-	4	6	70	30	50	150
	<b>Generic Elective (GE) -3 Inference Theory / Document Analysis</b>	4	-	4	6	70	30	50	150
<b>Total</b>		<b>18</b>	-	<b>12</b>	<b>24</b>	<b>330</b>	<b>120</b>	<b>150</b>	<b>600</b>

**UE : Semester End University Examinations**

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**CA : Continuous Assessment**

**Total Marks : 3600**

**Total Credits: 148**



**B.Sc. in Life Sciences**  
**(Chemistry, Microbiology & Biotechnology - CMBt)**



## B.Sc. in Life Sciences (Chemistry, Microbiology & Biotechnology - CMBt)

### CBCS Structure

#### Optional - Chemistry

**I Core Courses :** **24 Credits ( 6 x 4 )**

<b>Semester I:</b> Theory: Chemistry-I	4 Credits
Learning labs:	2 Credits
<b>Semester II:</b> Theory: Chemistry-II	4 Credits
Learning labs:	2 Credits
<b>Semester III:</b> Theory: Chemistry-III A	3 Credits
Chemistry-III B	3 Credits
<b>Semester IV:</b> Theory: Chemistry-IV	4 Credits
Learning labs:	2 Credits

**II Discipline Specific Electives (DSE): Any one** **6 Credits (4+2)**

1. Analytical Chemistry
2. Industrial Chemistry
3. Project

**III Generic Electives (GE) : Any one** **6 Credits (4+2)**

1. Multimedia applications. [BoS Computer Science]
2. Document analysis. [BoS Forensic Science]

**IV Skill Enhancement Courses (SEC) (CHEMISTRY): Any one** **4 Credits (4 X 1= 4)**

- a) Analytical and Clinical Biochemistry [BoS Chemistry] (3+1)
- b) Chemistry of natural products [BoS Chemistry] (3+1)

## Optional- Microbiology

**Core Courses :** **24 Credits (6x4)**

Semester I:	Theory: Fundamentals of Microbiology Learning labs: 2 Credits	4 Credits
Semester II:	Theory: Microbial physiology, Growth and Control Learning labs: 2 Credits	4 Credits
Semester III:	Theory: Agricultural and Food Microbiology Learning labs: 2 Credits	4 Credits
Semester IV:	Theory: Immunology and Medical microbiology Learning labs: 2 Credits	4 Credits

**Discipline Specific Electives (DSE) : (Any one)** **6 Credits (4+2)**

- a) Plant pathology and Disease Management
- b) Plant diversity and human welfare
- c) Cytogenetics
- d) Project \*

\*Project under DSE can be offered in the final semester

Conditions for opting to the projects are:

1. Students should not have backlog up to 4th semester
2. They should have obtained distinction on an aggregate in the first four semesters
3. A student can opt for any one of the three projects prescribed.

**Generic Electives (GE) : Any one** **6 Credits (4+2)**

- a) Elements of mathematics [BoS Mathematics]  
OR
- b) Human resource management and organizational behavior [BoS Management]

**Skill Enhancement Course (SEC) (Microbiology):(Any one)** **4 Credits x 1 = 4 Credits**

- a) Enzyme technology [BoS Microbiology] (2+2)
- b) Human and biomedical genetics [BoS Biotechnology] (2+2)

## Optional- Biotechnology

**Core Courses :** **24 Credits (6 X 4)**

Semester I: Theory: Cell biology and Biochemistry - 4 Credits  
 Learning Labs: 2 Credits

Semester II: Theory: Molecular Genetics – 4 Credits  
 Learning Labs: 2 Credits

Semester III: Theory: Environmental biotechnology and biostatistics 4 Credits  
 Learning labs: 2 Credits

Semester IV: Theory: Industrial biotechnology  
 Learning labs: 2 Credits

**Discipline Specific Electives (DSE) : Select any one-** **6 Credits (4 +2)**

- a) Bioinformatics
- b) Animal Diversity
- c) Inheritance biology
- d) Project \*

\*Project under DSE can be offered in the final semester

Conditions for opting to the projects are:

1. Students should not have backlog up to 4th semester
2. They should have obtained distinction on an aggregate in the first four semesters
3. A student can opt for any one of the three projects prescribed.

**Generic Electives (GE) -2** **6 Credits (5+1)**

- a) Elements of Physics [BoS Physics]  
 OR
- b) Economics of Entrepreneurship [BoS Economics]

**Skill Enhancement Course (SEC): Select anyone –** **4 Credits (2+ 2)**

- a) Recombinant DNA Technology (BoS Biotechnology)
- b) Plant tissue Culture (BoS Biotechnology)

**B.Sc. in Life Sciences**  
**(Chemistry, Microbiology & Biotechnology - CMBt)**

**Curriculum Matrix**

**Semester I**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	CHEMISTRY CORE I	4	-	4	6	70	30	50	150
	MICROBIOLOGY CORE I (Fundamentals of Microbiology)	4	-	4	6	70	30	50	150
	BIOTECHNOLOGY CORE I (Cell biology and Biochemistry)	4	-	4	6	70	30	50	150
	<b>Total</b>	<b>20</b>	-	<b>12</b>	<b>26</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>650</b>
	SKILL ENHANCEMENT COURSE (SEC) 1 Mind Management & Human Values	4	-	-	4	70	-	30	100

**Semester II**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	CHEMISTRY CORE II	4	-	4	6	70	30	50	150
	MICROBIOLOGY CORE II (Microbial physiology, Growth and Control)	4	-	4	6	70	30	50	150
	BIOTECHNOLOGY CORE II (Molecular Genetics)	4	-	4	6	70	30	50	150
	<b>Total</b>	<b>20</b>	-	<b>12</b>	<b>26</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>650</b>

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**CA : Continuous Assessment**

**Semester III**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	CHEMISTRY CORE III A	3	-	-	3	60	15	-	75
	CHEMISTRY CORE III B	3	-	-	3	60	15	-	75
	MICROBIOLOGY CORE III (Agricultural and Food Microbiology)	4	-	4	6	70	30	50	150
	BIOTECHNOLOGY CORE III (Environmental biotechnology and biostatistics)	4	-	4	6	70	30	50	150
	<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)-1 Communicative English</b>	4	-	-	4	70	30	-	100
<b>Total</b>		<b>18</b>	-	<b>8</b>	<b>22</b>	<b>330</b>	<b>120</b>	<b>100</b>	<b>550</b>

**Semester IV**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	CHEMISTRY CORE IV	4	-	4	6	70	30	50	150
	MICROBIOLOGY CORE IV (Immunology and Medical microbiology)	4	-	4	6	70	30	50	150
	BIOTECHNOLOGY CORE IV (Industrial biotechnology)	4	-	4	6	70	30	50	150
	<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)-2 Environment Science</b>	4	-	-	4	70	30	-	100
<b>Total</b>		<b>16</b>	-	<b>12</b>	<b>22</b>	<b>280</b>	<b>120</b>	<b>150</b>	<b>550</b>

**UE: Semester End University Examinations**
**IA: Internal Assessment**
**CA: Continuous Assessment**

Semester V

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	<b>GENERIC ELECTIVE (GE)-1</b> Elements of mathematics OR Human resource management and organizational behavior	4		4	6	70	30	50	150
		5	1			100	50	-	
	<b>GENERIC ELECTIVE (GE)-2</b> Elements of Physics OR Economics of Entrepreneurship	4		4	6	70	30	50	150
		5	1			100	50	-	
	<b>SKILL ENHANCEMENT COURSE (SEC)</b> (CHEMISTRY) – 2 Analytical and Clinical Biochemistry OR Chemistry of natural products				4	60	15	25	100
		3	-	2					
	<b>SKILL ENHANCEMENT COURSE (SEC)</b> (MICROBIOLOGY) – 3 Enzyme technology OR Human and biomedical genetics				4	40	10	50	100
		2	-	4					
	<b>SKILL ENHANCEMENT COURSE (SEC)</b> (BIOTECHNOLOGY) – 4 Recombinant DNA Technology OR Plant tissue Culture				4	40	10	50	100
		2	-	4					
<b>Total</b>		<b>15</b> <b>OR</b> <b>17</b>	<b>0</b> <b>OR</b> <b>2</b>	<b>18</b>	<b>24</b>	<b>280</b> <b>OR</b> <b>340</b>	<b>95</b> <b>OR</b> <b>135</b>	<b>225</b> <b>OR</b> <b>125</b>	<b>600</b>

**UE: Semester End University Examinations**

**IA: Internal Assessment**

**CA: Continuous Assessment**

**Semester VI**

Paper No.	Title of the Paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA		
	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)-C (CHEMISTRY)</b>	4	-	4	6	70	30	50	150
	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)-M (MICROBIOLOGY)</b>	4	-	4	6	70	30	50	150
	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)-Bt (BIOTECHNOLOGY)</b>	4	-	4	6	70	30	50	150
	<b>GENERIC ELECTIVE (GE) -3</b> Multimedia applications OR Document analysis	4	-	4	6	70	30	50	150
<b>Total</b>		<b>16</b>	<b>-</b>	<b>16</b>	<b>24</b>	<b>280</b>	<b>120</b>	<b>200</b>	<b>600</b>

**DISCIPLINE SPECIFIC ELECTIVE (DSE)-C (CHEMISTRY): (Any 1)(6 credits) (4+2)**

- Instrumental methods of chemical analysis
- Industrial Chemistry
- Project

**DISCIPLINE SPECIFIC ELECTIVE (DSE)-M (MICROBIOLOGY) (Any 1)(6 credits) (4+2)**

- Plant pathology
- Plant diversity and human welfare
- Cytogenetics
- Project

**DISCIPLINE SPECIFIC ELECTIVES (DSE)-BT(BIOTECHNOLOGY): (ANY 1) (6 Credits) (4+2)**

- Bioinformatics
- Animal diversity
- Inheritance biology
- Project

**Total Credits: 148**
**Total Marks: 3600**





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## **B.Sc. in Forensic Science**



## B.Sc. in Forensic Science

### CBCS Structure

#### I. Core Courses :

(6 Credits x 10 papers=60) + (4 Credits x 3 papers =12) = 72 Credits

Sl. No.	Title of the Paper	Credits
1	General Forensic Science	6
2	Forensic Chemistry	6
3	Forensic Biology	6
4	Psychology of Deviant Behaviour	6
5	Crime Scene Management	6
6	Questioned Document Examination	6
7	Criminal Justice System	4
8	Forensic Ballistics	6
9	Fingerprints and Impressions	6
10	Forensic Toxicology	6
11	Forensic Physics	6
12	Instrumental Analysis	4
13	Forensic Medicine	4
<b>Total Credits</b>		<b>72</b>

#### II. Discipline Specific Electives (DSE)

(6 Credits x 2 papers =12) + (4 Credits x 2 papers =8) = 20 Credits

Discipline Specific Elective -1 Any ONE of the following:		Discipline Specific Elective -1 Any ONE of the following:		Discipline Specific Elective- 3 Any ONE of the following:		Discipline Specific Elective- 4 Any ONE of the following:	
Subject	Credits	Subject	Credits	Subject	Credits	Subject	Credits
Security and Vigilance	04	Digital Forensics	4+2	DNA Typing	3 +1	Forensic Anthropology	4 + 2
Criminology	04	Forensic Serology	4 +2	Forensic Audio Video and Speaker Identification	3 +1	Dissertation	06

### III. Generic Elective (GE)

(6 Credits x 2 papers =12) + (4 Credits x 1 paper =4) = 16 Credits

Generic Elective - 1 (6 Credits) Any ONE of the following:	Generic Elective - 2 (6 Credits) Any ONE of the following:	Generic Elective - 3 (4 Credits) Any ONE of the following:
a) Biochemistry-Metabolism (BOS Chemistry) : 4 + 2 Credits b) Immunology (BOS Microbiology) : 4 + 2 Credits	a) Crime Reporting (BOS Journalism): 4 + 2 Credits b) Internet Technology (BOS Computer Science) : 4 + 2 Credits	a) Bio- Statistics (BOS Biotechnology) : 4 Credits b) Indian Constitution (UGC Syllabus) : 4 Credits

### IV. Ability Enhancement Compulsory Course (AECC):

- a. Environmental Science
- b. Communicative English

4 Credits each (4 x 2 = 8 Credits)

### V. Skill Enhancement Course (SEC)

(4 Credits x 4 papers =16)

Skill Enhancement Course -1	Skill Enhancement Course - 2 Any ONE of the following:	Skill Enhancement Course - 3 Any ONE of the following:	Skill Enhancement Course - 4 Any ONE of the following:
Mind Management and Human Values (Compulsory) : 4 Credits	a) Anatomy : 3+1 Credits b) Forensic Computing: 3+1 Credits	a) Forensic Psychology : 2 + 2 Credits b) Forensic Photography: 2 + 2 Credits	a) Project Methodology : 4 Credits b) Police Administration: 4 Credits

### VI. Languages

Sem 1- English and Language: 4+4=8 Credits

Sem 2- English and Language: 4+4=8 Credits

**16 Credits**

**Total : 72 + 20 + 16 + 16 + 8 + 16 = 148 Credits**

## B.Sc. in Forensic Science

### Curriculum Matrix

#### Semester I

Paper No.	Title of the Paper	Hrs/week			Credits	Marks			Total
						Theory Marks		Practical Marks	
		L	T	P		UE	IA	CA	
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	General Forensic Science - CORE- 1	4	-	4	6	70	30	50	150
	Forensic Chemistry -CORE- 2	4	-	4	6	70	30	50	150
	<b>Total</b>	<b>16</b>	-	<b>8</b>	<b>20</b>	<b>380</b>	<b>120</b>	<b>100</b>	<b>500</b>
	Mind Management and Human Values – Skill Enhancement Course (SEC)-1	4	-	-	4	70	30	-	100

#### Semester II

Paper No.	Title of the Paper	Hrs/week			Credits	Marks			Total
						Theory Marks		Practical Marks	
		L	T	P		UE	IA	CA	
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
	Forensic Biology- CORE-3	4	-	4	6	70	30	50	150
	Psychology of Deviant Behavior-CORE- 4	4	-	4	6	70	30	50	150
	Skill Enhancement Course (SEC)- 2	3	-	2	4	60	15	25	100
	<b>Total</b>	<b>16</b>	-	<b>8</b>	<b>24</b>	<b>340</b>	<b>135</b>	<b>125</b>	<b>600</b>

#### SEC-2: Anatomy / Forensic Computing

**UE:** University Examination

**IA:** Internal Assessment

**CA:** Continuous Assessment

### Semester III

Paper No.	Title of the Paper	Hrs/week			Credits	Marks			Total
						Theory Marks		Practical Marks	
		L	T	P		UE	IA	CA	
	Crime Scene Management CORE-5	4	-	4	6	70	30	50	150
	Questioned Document Examination- CORE 6	4	-	4	6	70	30	50	150
	Criminal Justice System—CORE 7	4	-	-	4	70	30	-	100
	<b>Skill Enhancement Course (SEC)- 3</b>	2	-	4	4	35	15	50	100
	<b>Environmental Science – Ability Enhancement Compulsory Course (AECC)-1</b>	4	-	-	4	70	30	-	100
<b>Total</b>		<b>18</b>	-	<b>12</b>	<b>24</b>	<b>315</b>	<b>135</b>	<b>150</b>	<b>600</b>

### SEC -3 : Forensic Psychology / Forensic Photography

### Semester IV

Paper No.	Title of the Paper	Hrs/week			Credits	Marks			Total
						Theory Marks		Practical Marks	
		L	T	P		UE	IA	CA	
	Forensic Ballistics– CORE -8	4	-	4	6	70	30	50	150
	Fingerprints and Impressions- CORE 9	4	-	4	6	70	30	50	150
	<b>Skill Enhancement Course (SEC)- 4</b>	4	-	-	4	70	30	-	100
	<b>Communicative English- Ability Enhancement Compulsory Course (AECC)-2</b>	4	-	-	4	70	30	-	100
	<b>Generic Elective (GE)- 1</b>	4	-	4	6	70	30	50	150
<b>Total</b>		<b>20</b>	-	<b>12</b>	<b>26</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>650</b>

### SEC- 4 : Project Methodology / Police Administration

### GE – 1: Biochemistry-Metabolism / Immunology

**UE: University Examination**

**IA: Internal Assessment**

**CA: Continuous Assessment**

**Semester V**

Paper No.	Title of the Paper	Hrs/week			Credits	Marks			Total	
						Theory Marks		Practical Marks		
		L	T	P		UE	IA	CA		
	Forensic Toxicology CORE 10	4	-	4	6	70	30	50	150	
	Forensic Physics- CORE 11	4	-	4	6	70	30	50	150	
	Instrumental Analysis- CORE 12	4	-	-	4	70	30	-	100	
	Discipline Specific Elective (DSE) 1	4	-	-	4	70	30	-	100	
	Generic Elective (GE)- 2	4	-	4	6	70	30	50	150	
		<b>Total</b>	<b>20</b>	<b>-</b>	<b>12</b>	<b>26</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>650</b>

**DSE – 1: Security and Vigilance / Criminology      GE- 2: Crime Reporting / Internet Technology**
**Semester VI**

Paper No.		Title of the Paper	Hrs/week			Credits	Marks			Total	
							Theory Marks		Practical Marks		
			L	T	P		UE	IA	CA		
		Forensic Medicine- CORE 13	4	-	-	4	70	30	-	100	
		Generic Elective (GE)- 3	4	-	-	4	70	30	-	100	
		Discipline Specific Elective (DSE) -2	4	-	4	6	70	30	50	150	
		Discipline Specific Elective (DSE) -3	3	-	2	4	60	15	25	100	
	Discipline Specific Elective (DSE) - 4	Forensic Anthropology / Dissertation	4	-	4	6	70	30	50	150	
			-	-	6	6	150*			150	
			<b>Total</b>	<b>19</b>	<b>-</b>	<b>16</b>	<b>24</b>	<b>340/ 420</b>	<b>135 / 105</b>	<b>125/ 75</b>	<b>600</b>

**GE – 3: Bio- Statistics / Indian Constitution**
**DSE – 2: Digital Forensics / Forensic Serology**
**DSE – 3: DNA Typing / Forensic Audio Video and Speaker Identification**
**DSE- 4: Forensic Anthropology / Dissertation**

\*150 marks for dissertation {125 (Report) + 25 (Viva)}

**UE: University Examination**
**IA: Internal Assessment**
**CA: Continuous Assessment**
**Total Credits: 148**
**Total Marks: 3600**





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**B.Sc. in Animation**



## B.Sc. in Animation

### CBCS Structure

**Allocation of credit points for B.Sc. Animation:**

1	Core Courses	18 x 4 Credits	72 Credits
2	Discipline Specific Electives (DSE)	DSE1 - 4 Credits DSE2 - 6 Credits DSE3 - 10 Credits	20 Credits
3	Generic Electives (GE)	4 x 4 Credits	16 Credits
4	Ability Enhancement Compulsory Courses (AECC)	2 x 4 Credits	8 Credits
5	Skill Enhancement Courses (SEC)	4 x 4 Credits	16 Credits
6	Languages	4 x 4 Credits	16 Credits
<b>Total</b>			<b>148 Credits</b>

**Note:**

1. UE duration is 3 hours for Theory Papers of 70 marks.
2. UE duration is 1½ hours for Theory Papers of 40 marks.

## B.Sc. in Animation

### Curriculum Matrix

#### Semester I

Subject code	S/N	Subject	Hrs/week		Credits	Marks Distribution		
			L	P		IA	UE	TOTAL
	1	LANGUAGE - I	4	-	4	30	70	100
	2	ENGLISH - I	4	-	4	30	70	100
16BSAN11	3	FUNDAMENTALS OF DRAWING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN12	4	ELEMENTS OF ANATOMY	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN13	5	PRINCIPLES OF ANIMATION	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN14	6	ART & DESIGN TECHNIQUES	2	4	4	10(T) + 50(CA)	40(T)	100
<b>Total</b>			<b>16</b>	<b>16</b>	<b>24</b>	<b>300</b>	<b>300</b>	<b>600</b>
	7	SKILL ENHANCEMENT COURSE (SEC) I: MIND MANAGEMENT & HUMAN VALUES	4	-	4	20	80	100

**Total credits = 24 + 4 = 28 credits**

#### Semester II

Subject code	S/N	Subject	Hrs/week		Credits	Marks Distribution		
			L	P		IA	UE	TOTAL
	1	LANGUAGE - II	4	-	4	30	70	100
	2	ENGLISH - II	4	-	4	30	70	100
16BSAN21	3	LIFE DRAWING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN22	4	ANIMATION LAYOUT DESIGN	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN23	5	PRE PRODUCTION	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN24	6	CHARACTER ANIMATION	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN25	7	NURBS SURFACE DESIGN	2	4	4	10(T) + 50(CA)	40(T)	100
<b>Total</b>			<b>18</b>	<b>20</b>	<b>28</b>	<b>360</b>	<b>340</b>	<b>700</b>

**Semester III**

Subject code	S/N	Subject	Hrs/week		Credits	Marks Distribution		
			L	P		IA	UE	TOTAL
16BSAN31	1	DIGITAL SKETCHING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN32	2	BG & PROP MODELING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN33	3	MATERIALS & TEXTURING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN34	4	BASIC LIGHTING & RENDERING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN35	5	<b>SKILL ENHANCEMENT COURSE (SEC) II:</b> CHARACTER MODELING / WEB DEVELOPMENT	2	4	4	10(T) + 50(CA)	40(T)	100
	6	<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC) I:</b> COMMUNICATIVE ENGLISH	4	-	4	30	70	100
	7	<b>GENERIC ELECTIVES (GE) I:</b> INDIAN AESTHETICS / INDIAN CONSTITUTION	4	-	4	30	70	100
<b>Total</b>			<b>26</b>	<b>20</b>	<b>28</b>	<b>360</b>	<b>340</b>	<b>700</b>

**Semester IV**

Subject code	S/N	Subject	Hrs/week		Credits	Marks Distribution		
			L	P		IA	UE	TOTAL
16BSAN41	1	RIGGING TECHNIQUES	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN42	2	CHARACTER RIGGING	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN43	3	3D ANIMATION DESIGN	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN44	4	DYNAMICS FOR FX ANIMATION	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN45	5	COMPOSITING TECHNIQUES	2	4	4	10(T) + 50(CA)	40(T)	100
16BSAN46	6	<b>SKILL ENHANCEMENT COURSE (SEC) III:</b> ADVANCED LIGHTING & RENDERING / GRAPHIC DESIGNING	2	4	4	10(T) + 50(CA)	40(T)	100
	7	<b>GENERIC ELECTIVES (GE) II:</b> HISTORY OF INDIAN ART / CONTEMPORARY APPROACHES TO MANAGEMENT	4	-	4	30	70	100
<b>Total</b>			<b>16</b>	<b>24</b>	<b>28</b>	<b>390</b>	<b>310</b>	<b>700</b>

### Semester V

Subject code	S/N	Subject	Hrs/week		Credits	Marks Distribution						
			L	P		IA	UE	TOTAL				
16BSAN511	1	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE) I:</b> (Any 1 of 3)	MODELING FOR PRODUCTION		1	6	4	10(T) + 50(CA)				
16BSAN512			ANIMATION FOR PRODUCTION									
16BSAN513			VISUAL EFFECTS FOR PRODUCTION									
16BSAN521	2	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE) II:</b> Mini Project (Any 1 of 3)	ORGANIC & HARD SURFACE MODELING PROJECT		-	12	6	75 (Show reel) + 25 (Viva voce)				
16BSAN522			CG ANIMATION PROJECT									
16BSAN523			VFX PROJECT									
	3	<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC) II:</b>		4	-	4	30	70	100			
	4	<b>GENERIC ELECTIVES (GE) III:</b> PERSONALITY AND CAREER MANAGEMENT / BUSINESS VERTICALS OVERVIEW		4	-	4	30	70	100			
			Total	9	18	18	170	280	450			

### Semester VI

Subject code	S/N	Subject	Hrs/week		Cre-dits	Marks Distribution			
			L	P		IA	UE	TOTAL	
16BSAN61	1	<b>SKILL ENHANCEMENT COURSE (SEC) IV:</b> FILM MAKING PRINCIPLES / ANDROID APP DEVELOPMENT	2	4	4	10(T) + 50(CA)	40(T)	100	
16BSAN521	2	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE) III:</b> INTERNSHIP: PROJECT DISSTERTATION (ANY 1 OF 3)	INHOUSE INTERNSHIP  PRODUCTION INTERNSHIP  CORPORATE INTERNSHIP	-	20	10	100	125 (Project dissertation) + 25 (Viva voce)	
16BSAN522									
16BSAN523									
	3	<b>GENERIC ELECTIVES (GE) IV:</b> ENTREPRENEURIAL DEVELOPMENT / NEW MEDIA STUDIES		4	-	4	30	70	100
			Total	6	24	18	190	260	450

**Total credits: 28 + 28 + 28 + 28 + 18 + 18 = 148 credits**

**Total marks: 600 + 700 + 700 + 700 + 450 + 450 = 3600 marks**



## B.Sc. in Interior Design



## B.Sc. in Interior Design

### CBCS Structure

#### I. Core Courses:

(6 credits x 3 papers=18) + (4 credits x 8 papers =32) +  
(2 credits x 3 papers =06) + (16 credits x 1 paper = 16) = 72 Credits

Sl. No.	Title of the Paper	Credits
1	BASIC DESIGN & INTERIOR STYLES	4
2	TECHNICAL DRAWING – I & ANTHROPOMETRICS	4
3	MATERIALS & CONSTRUCTION TECHNOLOGY –I	4
4	WORKSHOP – MODEL MAKING,	2
5	INTERIOR DESIGN STUDIO – I	6
6	TECHNICAL DRAWING - II	4
7	MATERIALS & CONSTRUCTION TECHNOLOGY- II	4
8	INTERIOR DESIGN STUDIO – II	6
9	BUILDING SERVICES & CLIMATOLOGY	4
10	AUTO CAD -I	2
11	INTERIOR DESIGN STUDIO - DESIGN CONCEPTS	6
12	ESTIMATION AND COSTING & SPECIFICATION	4
13	DESIGN MANAGEMENT & PROFESSIONAL PRACTICE	4
14	AUTO CAD -II	2
15	INTERNSHIP (REPORT & VIVA)	16
<b>Total Credits</b>		<b>72</b>

#### II. Discipline Specific Electives (DSE)

TWO PAPERS (4 + 16 CREDITS ) TOTAL = 20 Credits

Discipline Specific Elective -1 (4 Credits) Any ONE of the following:	Discipline Specific Elective -2 (16 Credits)
a) EXHIBITION DESIGN b) FURNITURE DESIGN c) RETAIL DESIGN	a) THESIS (RESIDENTIAL Interiors / COMMERCIAL Interiors / RETAIL Interiors/ Corporate Interiors / EXHIBITION Design / FURNITURE Design / others )

### III. Generic Elective (GE)

Total: 4 credits x 4 papers = 16 Credits

Generic Elective- 1, (Semester 1) Any ONE of the following: a. Microsoft Office (Word, Excel & Power-Point) b. Elementary Mathematics	(Computer Science) (Maths Department)
Generic Elective -2 (Semester 3) Any ONE of the following: a. Web-design & Animation b. Technical Report Writing & Business Communication.	(Computer Science) (English Department)
Generic Elective – 3 (Semester 4) Any ONE of the following: a. Google Sketch-Up. b. Organizational Behaviour & Business Etiquette.	(Computer Science) (BBM)
Generic Elective – 4 (Semester 5) Any ONE of the following: a. Human Resource Management b. Entrepreneurship	(BBM) (BBM)

### IV. Ability Enhancement Compulsory Courses (AEC): 4 credits each (4 x 2 = 8 credits)

a. Communicative English
b. Environmental Science

### V. Skill Enhancement Course (SEC) any one

Sl. No.	Semester	Title of the Paper	Credits	
1	2nd	MMHV- (Semester 2)	4	Compulsory
2	4th	Option 1: Advanced Working Drawing (Manual Drafting) Option 2: Advanced Working Drawing (CAD)	4	B.O.S Interior Design Department
3	5th along with Thesis	Option 1: 3DS MAX Option 2: Photoshop	4	B.O.S Interior Design Department
4	6th along with Internship	Option 1: Project Detailing through Case Studies (Report & Viva) Option 2: Interior Material Study through Market Survey (Report & Viva)	4	B.O.S Interior Design Department
Total Credits (4 x 4)			16	

### VI. Languages

Sem 1- English and Language: 4 + 4 = 8 Credits

Sem 2- English and Language: 4 + 4 = 8 Credits

Total : 16 Credits

**Total : 72 + 20 + 16 + 8 + 16 + 16 = 148 credits**

## B.Sc. in Interior Design

### Curriculum Matrix

#### Semester I

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
<b>Languages:</b>									
	LANGUAGE	4	-		4	70	30	-	100
	ENGLISH	4	-		4	70	30	-	100
<b>Core Courses:</b>									
	BASIC DESIGN & INTERIOR STYLES	4	-		4	70	30	-	100
	TECHNICAL DRAWING & ANTHROPOMETRICS	4			4	70	30	-	100
	MATERIALS & CONSTRUCTION TECHNOLOGY -I :	4	-		4	70	30	-	100
	WORKSHOP – MODEL MAKING	-	-	4	2	-	-	50	50
<b>Generic Electives (GE)</b>									
	MICROSOFT OFFICE (WORD, EXCEL & POWER-POINT) / ELEMENTARY MATHEMATICS	4	-	-	4	70	30	-	100
	<b>Total</b>	<b>24</b>	<b>-</b>	<b>4</b>	<b>26</b>	<b>420</b>	<b>180</b>	<b>50</b>	<b>650</b>

#### Semester II

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
<b>Languages:</b>									
	LANGUAGE	4	-	-	4	70	30	-	100
	ENGLISH	4	-	-	4	70	30	-	100
<b>Core Courses:</b>									
	TECHNICAL DRAWING - II	4	-	-	4	70	30	-	100
	MATERIALS & CONSTRUCTION TECHNOLOGY- II	4	-	-	4	70	30	-	100
	INTERIOR DESIGN STUDIO – I	-	-	12	6	-	-	150	150
	<b>Total</b>	<b>16</b>	<b>-</b>	<b>12</b>	<b>22</b>	<b>280</b>	<b>120</b>	<b>150</b>	<b>550</b>
<b>Skill Enhancement Courses (SEC):</b>									
MIM12	MIND MANAGEMENT AND HUMAN VALUES	4	-	-	4	70	30	-	100

### Semester III

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
<b>Core Courses:</b>									
	BUILDING SERVICES & CLIMATOLOGY	4	-	-	4	70	30	-	100
	AUTO CAD -I	-	-	4	2	-	-	50	50
	INTERIOR DESIGN STUDIO - II	-	-	12	6	-	-	150	150
<b>Generic Elective (GE)</b>									
	Web –Design& Animation Technical Report Writing & Business Communication	4	-	-	4	70	30	-	100
<b>Discipline Specific Elective (DSE)</b>									
Elective (any one)	EXHIBITION DESIGN	4	-	-	4	70	30	-	100
	FURNITURE DESIGN								
	RETAIL DESIGN								
<b>Ability Enhancement Compulsory Courses (AECC)</b>									
	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	-	100
	<b>Total</b>	<b>16</b>	<b>-</b>	<b>16</b>	<b>24</b>	<b>280</b>	<b>120</b>	<b>200</b>	<b>600</b>

### Semester IV

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks		Practical Marks	Total Marks
		L	T	P		UE	IA	CA	
<b>Core Courses:</b>									
	ESTIMATION AND COSTING & SPECIFICATION	4	-	-	4	70	30	-	100
	DESIGN MANAGEMENT & PROFESSIONAL PRACTICE	4	-	-	4	70	30	-	100
	AUTO CAD -II	-	-	4	2	-	-	50	50
	INTERIOR DESIGN STUDIO & DESIGN CONCEPTS	-	-	12	6	-	-	150	150
<b>Generic Electives (GE)</b>									
	Google Sketch-Up Organizational Behavior & Business Etiquette	4	-	-	4	70	30	-	100
<b>Skill Enhancement Courses (SEC): / Learning Labs</b>									
	Advanced Working Drawing (Manual Drafting) / Advanced Working Drawing (CAD)	3	-	2	4	60	15	25	100
	<b>Total</b>	<b>15</b>	<b>-</b>	<b>18</b>	<b>24</b>	<b>270</b>	<b>105</b>	<b>225</b>	<b>600</b>

**Semester V**

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks	Practical Marks	Total Marks
		L	T	P		UE	IA	
<b>Discipline Specific Elective (DSE)</b>								
	Thesis	24	12	280	120	-	400	
	1st Stage							
	2nd Stage							
	3rd Stage :- Project Report / Viva-voce							
<b>Ability Enhancement Compulsory Courses (AECC)</b>								
	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	-
<b>Skill Enhancement Courses (SEC): / Learning Labs</b>								
	3D S MAX / PHOTOSHOP	2	-	4	4	35	15	50
<b>Generic Elective (GE)</b>								
	Human Resource Management / Entrepreneurship	4	-	-	4	70	30	-
	<b>Total</b>	<b>34</b>			<b>24</b>	<b>455</b>	<b>195</b>	<b>700</b>

**Semester VI**

Paper No.	Title of the paper	Hrs/week			Credits	Theory Marks	Practical Marks	Total Marks
		L	T	P		UE	IA	
<b>Core Courses:</b>								
	<b>Internship:</b>							
	Internship (Report & Viva)	40		20	280	120	-	400
<b>Skill Enhancement Courses (SEC): /</b>								
	Project Detailing through Case Studies (Report & Viva) / Interior Material Study through Market Survey (Report & Viva)	-	-	4	4	70	30	-
	<b>Total</b>	<b>44</b>		<b>24</b>	<b>350</b>	<b>150</b>		<b>500</b>

**Total Credits / Marks for the Course**

<b>Total</b>		<b>148</b>				<b>3600</b>
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## Bachelor of Computer Applications (Regular)



## **Bachelor of Computer Applications (Regular)**

### **CBCS Structure**

<b>Sl. No</b>	<b>Type</b>	<b>No of Courses</b>	<b>Credits</b>
1	Core Courses	(i)12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1 = 5$ ) (ii)Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60+12=72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications (Regular)

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	100

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Fundamentals of Information Security	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25		25
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26=78**

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA401	Discrete Mathematics & Statistics	4-1-0	05	70	30	100
16BCA402	Web Technology	4-0-0	04	70	30	100
16BCA403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCA404	<b>Generic Elective(GE)-III</b>	4-0-0	04	70	30	100
16BCA405	<b>Generic Elective(GE)-IV</b>	4-0-0	04	70	30	100
16BCA406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> <b>Communicative English</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA407L	Web Technology Lab	0-0-2	01	CA -25		25
16BCA408L	Discipline specific electives-I -Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>27</b>			<b>650</b>

**Cumulative Credits-26+26+26+27=105**

**Generic Elective(GE)-III**

PERSONALITY &amp; CAREER MANAGEMENT / INDIAN AESTHETICS

**Generic Elective(GE)-IV**

ENTREPRENEURIAL DEVELOPMENT / BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

Enterprise Application Development / DATAWARE HOUSE AND DATA MINING

### Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA501	Discipline Specific Electives(DSE)-II	4-0-0	04	70	30	-	100
16BCA502	Discipline Specific Electives(DSE)-III	4-0-0	04	70	30	-	100
16BCA503	Skill Enhancement Course (SEC)-II	4-0-0	04	70	30	-	100
16BCA504	Ability Enhancement Compulsory Course (AECC)-II Environmental Science	4-0-0	04	70	30	-	100
16BCA505	Skill Enhancement Course(SEC)-III	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA506L	Discipline Specific Electives (DSE)-II-Lab	0-0-2	01	CA -25		25	
16BCA507L	Discipline Specific Electives (DSE)-III-Lab	0-0-2	01	CA -25		25	
	<b>Total</b>	<b>24</b>	<b>22</b>				<b>550</b>

#### Discipline Specific Electives (DSE)-II

Analysis & Design of Algorithms/COMPUTER GRAPHICS

#### Discipline Specific Electives (DSE)-III

.NET Technology/Linux Administration

#### Skill Enhancement Course (SEC)-II

Software Engineering /ACCOUNTS AND FINANCE MANAGEMENT

#### Skill Enhancement Course (SEC)-III

Interactive web Applications/Introduction to UI/UX

**Cumulative Credits-26+26+26+27+22=127**

### Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	Discipline Specific Electives (DSE)-IV	4-0-0	04	70	30	-	100
16BCA602	Skill Enhancement Course (SEC)-IV	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	Discipline Specific Electives (DSE)Lab-IV	0-0-2	01	CA -25		25	
14BCA604P	Project/Internship		12	175+ 50 viva		100	325
	<b>Total</b>		<b>21</b>				<b>550</b>

#### Skill Enhancement Course (SEC)-IV

OOD & UML / Fundamentals of Data Analytics

#### Discipline specific electives (DSE)-IV

Introduction to Cloud computing / Software Testing

**Total Credits-26+26+26+27+22+21=148**

**Total Marks: 3600**



**Bachelor of Computer Applications**  
**(Specialization in Data Analytics)**



## **Bachelor of Computer Applications** **(Specialization in Data Analytics)**

### **CBCS Structure**

<b>Sl. No</b>	<b>Type</b>	<b>No of Courses</b>	<b>Credits</b>
1	Core Courses	(i) 12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1 = 5$ ) (ii) Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60 + 12 = 72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications

### (Specialization in Data Analytics)

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	<b>100</b>

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Fundamentals of Information Security	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25		25
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26=78**

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCADA401	Probability & Statistics	4-1-0	05	70	30	100
16BCADA402	Web Technology	4-0-0	04	70	30	100
16BCADA403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCADA404	<b>Generic Elective(GE)-III</b>	4-0-0	04	70	30	100
16BCADA405	<b>Generic Elective(GE)-IV</b>	4-0-0	04	70	30	100
16BCADA406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> <b>Communicative English</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCADA407L	Web Technology Lab	0-0-2	01	CA -25		25
16BCADA408L	<b>Discipline Specific Electives (DSE)-I-Lab</b>	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>27</b>			<b>650</b>

**Cumulative Credits-26+26+26+27=105**

**Generic Elective(GE)-III**

PERSONALITY &amp; CAREER MANAGEMENT / INDIAN AESTHETICS

**Generic Elective(GE)-IV**

ENTREPRENEURIAL DEVELOPMENT / BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

BIG DATA PROGRAMMING/DATA VISUALIZATION

### Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCADA501	<b>Discipline Specific Electives(DSE)-II</b>	4-0-0	04	70	30	-	100
16BCADA502	<b>Discipline Specific Electives(DSE)-III</b>	4-0-0	04	70	30	-	100
16BCADA503	<b>Skill Enhancement Course (SEC)-II</b>	2-0-4	04	50	-	50	100
16BCADA504	<b>Ability Enhancing Compulsory Course (AECC)-II</b> Environmental Science	4-0-0	04	70	30	-	100
16BCADA505	<b>Skill Enhancement Course(SEC)-III</b>	4-0-0	04	70	30	-	100
<b>Learning Labs</b>							
16BCADA506L	<b>Discipline Specific Electives (DSE)-II-Lab</b>	0-0-2	01	CA -25			25
16BCADA507L	<b>Discipline Specific Electives (DSE)-III-Lab</b>	0-0-2	01	CA -25			25
		<b>Total</b>	<b>30</b>	<b>22</b>			<b>550</b>

#### **Discipline Specific Electives (DSE)-II**

NON-RELATIONAL DATABASES/Advanced RDBMS

#### **Discipline Specific Electives (DSE)-III**

INTRODUCTION TO SCRIPTING LANGUAGES /Fundamentals of Data Analytics

#### **Skill Enhancement Course (SEC)- II**

PYTHON PROGRAMMING/Creative problem solving

#### **Skill Enhancement Course (SEC)-III**

DATA MODELING & WAREHOUSING/Introduction to cloud Technology

**Cumulative Credits-26+26+26+27+22=127**

### Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	<b>Discipline Specific Electives (DSE)-IV</b>	4-0-0	04	70	30	-	100
16BCA602	<b>Skill Enhancement Course (SEC)-IV</b>	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	<b>Discipline Specific Electives (DSE)Lab-IV</b>	0-0-2	01	CA -25			25
14BCA604P	Project/Internship		12	175+ 50 viva	100		325
		<b>Total</b>	<b>21</b>				<b>550</b>

#### **Skill Enhancement Course (SEC)-IV**

QUANTITATIVE ANALYSIS USING EXCEL/Data Mining

#### **Discipline Specific Electives (DSE)-IV**

R PROGRAMMING/Advanced Data Analytics

**Total Credits-26+26+26+27+22+21=148**

**Total Marks: 3600**



**Bachelor of Computer Applications**  
**[Specialization in Cloud Technology  
and Information Security]**



## Bachelor of Computer Applications

[Specialization in Cloud Technology and Information Security]

### CBCS Structure

Sl. No	Type	No of Courses	Credits
1	Core Courses	(i) 12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1=5$ ) (ii) Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60+12=72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications

[Specialization in Cloud Technology and Information Security]

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	100

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Information Security Fundamentals	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25		25
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26=78**

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA-CTIS401	Ethical Hacking Fundamentals	4-0-0	04	70	30	100
16BCA-CTIS402	Network Security	4-1-0	05	70	30	100
16BCA-CTIS403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCA-CTIS404	<b>Generic Elective (GE)-III</b>	4-0-0	04	70	30	100
16BCA-CTIS405	<b>Generic Elective (GE)-IV</b>	4-0-0	04	70	30	100
16BCA-CTIS406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> Communicative English	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA-CTIS407L	Ethical Hacking Fundamentals-Lab	0-0-2	01	CA -25		25
16BCA-CTIS408L	<b>Discipline Specific Electives (DSE)-I-Lab</b>	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>27</b>			<b>650</b>

**Cumulative Credits-26+26+26+27=105**

**Generic Elective (GE)-III**

Discrete Mathematics/Probability &amp;Statistics

**Generic Elective (GE)-IV**

ENTREPRENEURIAL DEVELOPMENT/BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

Introduction to Virtualization and Cloud Technology/Installation and Configuration of Server

### Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA-CTIS501	<b>Discipline Specific Electives(DSE)-II</b>	4-0-0	04	70	30	-	100
16BCA-CTIS502	<b>Discipline Specific Electives(DSE)-III</b>	4-0-0	04	70	30	-	100
16BCA-CTIS503	<b>Skill Enhancement Course (SEC)-II</b>	2-0-4	04	50	-	50	100
16BCA-CTIS504	<b>Ability Enhancement Compulsory Course (AECC)-II</b> Environmental Science	4-0-0	04	70	30	-	100
16BCA-CTIS505	<b>Skill Enhancement Course(SEC)-III</b>	4-0-0	04	70	30	-	100
<b>Learning Labs</b>							
16BCA-CTIS506L	<b>Discipline Specific Electives (DSE)-II-Lab</b>	0-0-2	01	CA -25		25	
16BCA-CTIS507L	<b>Discipline Specific Electives (DSE)-III-Lab</b>	0-0-2	01	CA -25		25	
	<b>Total</b>	<b>30</b>	<b>22</b>				<b>550</b>

#### **Discipline specific electives (DSE)-II**

Computer Forensics and Investigation /Virtualization and Cloud Security

#### **Discipline specific electives (DSE)-III**

Fundamentals of Storage Management/ Fundamentals of ITIL

#### **Skill Enhancement Course (SEC)-II**

Disaster recovery and Business continuity Management/Fundamentals of Datacenter

#### **Skill Enhancement Course (SEC)-III**

IT Governance, Risk, & Information Security Management/ COBIT, VALIT, RISK IT

**Cumulative Credits-26+26+26+27+22=127**

### Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	<b>Discipline Specific Electives (DSE)-IV</b>	4-0-0	04	70	30	-	100
16BCA602	<b>Skill Enhancement Course (SEC)-IV</b>	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	<b>Discipline Specific Electives (DSE)Lab-IV</b>	0-0-2	01	CA -25		25	
14BCA604P	Project/Internship		12	175+ 50 viva		100	325
	<b>Total</b>		<b>21</b>				<b>550</b>

#### **Skill Enhancement Course (SEC)-IV**

Fundamentals of IT Infrastructure Library /Cloud Web Services

#### **Discipline Specific Electives (DSE)-IV**

Introduction to Windows Azure/Cyber Forensics

**Total Credits-26+26+26+27+22+21=148**

**Total Marks = 3600**



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**Bachelor of Computer Applications**  
**[Specialization in Information Security  
and Infrastructure Management in IT]**



## Bachelor of Computer Applications

[Specialization in Information Security and Infrastructure Management in IT]

### CBCS Structure

Sl. No	Type	No of Courses	Credits
1	Core Courses	(i) 12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1=5$ ) (ii) Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60+12=72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications

**[Specialization in Information Security and Infrastructure Management in IT]**

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	100

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Information Security Fundamentals	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25		25
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26=78**

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCAISIM401	Ethical Hacking Fundamentals	4-0-0	04	70	30	100
16BCAISIM402	Network Security	4-1-0	05	70	30	100
16BCAISIM403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCAISIM404	<b>Generic Elective (GE)-III</b>	4-0-0	04	70	30	100
16BCAISIM405	<b>Generic Elective (GE)-IV</b>	4-0-0	04	70	30	100
16BCAISIM406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> Communicative English	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCAISIM407L	Ethical Hacking Fundamentals-Lab	0-0-2	01	CA -25		25
16BCAISIM408L	<b>Discipline Specific Electives (DSE)-I-Lab</b>	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26+27=105**

**Generic Elective (GE)-III**

Discrete Mathematics/Probability &amp; Statistics

**Generic Elective (GE)-IV**

ENTREPRENEURIAL DEVELOPMENT/BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

Designing Enterprise Network/Installation and configuration of Server

## Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCAISIM501	<b>Discipline Specific Electives(DSE)-II</b>	4-0-0	04	70	30	-	100
16BCAISIM502	<b>Discipline Specific Electives(DSE)-III</b>	4-0-0	04	70	30	-	100
16BCAISIM503	<b>Skill Enhancement Course (SEC)-II</b>	2-0-4	04	50	-	50	100
16BCAISIM504	<b>Ability Enhancement Compulsory Course (AECC)-II</b> Environmental Science	4-0-0	04	70	30	-	100
16BCAISIM505	<b>Skill Enhancement Course(SEC)-III</b>	4-0-0	04	70	30	-	100
<b>Learning Labs</b>							
16BCAISIM507L	<b>Discipline Specific Electives (DSE)-II-Lab</b>	0-0-2	01	CA -25		25	
16BCAISIM508L	<b>Discipline Specific Electives (DSE)-III-Lab</b>	0-0-2	01	CA -25		25	
	<b>Total</b>	<b>30</b>	<b>22</b>				<b>550</b>

### Discipline specific electives (DSE)-II

Computer Forensics and Investigation /Virtualization and Cloud Security

### Discipline specific electives (DSE)-III

Advanced installation and configuration of server// Linux Administration

### Skill Enhancement Course (SEC)-II

Introduction to virtualization and cloud Technology/Fundamentals of Datacenter

### Skill Enhancement Course (SEC)-III

IT Governance, Risk, & Information Security Management/ COBIT , VALIT and RISKIT

**Cumulative Credits-26+26+26+27+22=127**

## Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	<b>Discipline Specific Electives (DSE)-IV</b>	4-0-0	04	70	30	-	100
16BCA602	<b>Skill Enhancement Course (SEC)-IV</b>	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	<b>Discipline Specific Electives (DSE)Lab-IV</b>	0-0-2	01	CA -25		25	
14BCA604P	Project/Internship		12	175+ 50 viva		100	325
	<b>Total</b>		<b>21</b>				<b>550</b>

### Skill Enhancement Course (SEC)-IV

Fundamentals of IT Infrastructure Library /Disaster Recovery and Business Continuity Management

### Discipline Specific Electives (DSE)-IV

Mobile, Wireless and VOIP Security/ Fundamentals of Exchange Server

**Total Credits-26+26+26+27+22+21=148**

**Total Marks = 3600**



**Bachelor of Computer Applications**  
**[Specialization in Information Security  
and Mobile Applications]**



## **Bachelor of Computer Applications**

**[Specialization in Information Security and Mobile Applications]**

### **CBCS Structure**

<b>Sl. No</b>	<b>Type</b>	<b>No of Courses</b>	<b>Credits</b>
1	Core Courses	(i) 12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1=5$ ) (ii) Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60+12=72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications

[Specialization in Information Security and Mobile Applications]

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
<b>Total</b>		<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
<b>Total</b>		<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	<b>100</b>

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Information Security Fundamentals	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
Learning Labs						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25		25
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Cumulative Credits-26+26+26=78**

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCAISMA401	Ethical Hacking Fundamentals	4-0-0	04	70	30	100
16BCAISMA402	Network Security	4-1-0	05	70	30	100
16BCAISMA403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCAISMA404	<b>Generic Elective (GE)-III</b>	4-0-0	04	70	30	100
16BCAISMA405	<b>Generic Elective (GE)-IV</b>	4-0-0	04	70	30	100
16BCAISMA406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> Communicative English	4-0-0	04	70	30	100
Learning Labs						
16BCAISMA407L	Ethical Hacking Fundamentals-Lab	0-0-2	01	CA -25		25
16BCAISMA408L	<b>Discipline Specific Electives (DSE)-I-Lab</b>	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>27</b>			<b>650</b>

**Cumulative Credits-26+26+26+27=105**

**Generic Elective (GE)-III**

Discrete Mathematics/Probability &amp; Statistics

**Generic Elective (GE)-IV**

ENTREPRENEURIAL DEVELOPMENT/BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

Basic Android/Mobile Architecture and App Development

### Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCAISMA501	<b>Discipline Specific Electives(DSE)-II</b>	4-0-0	04	70	30	-	100
16BCAISMA502	<b>Discipline Specific Electives(DSE)-III</b>	4-0-0	04	70	30	-	100
16BCAISMA503	<b>Skill Enhancement Course (SEC)-II</b>	2-0-4	04	50	-	50	100
16BCAISMA504	<b>Ability Enhancement Compulsory Course (AECC)-II</b> Environmental Science	4-0-0	04	70	30	-	100
16BCAISMA505	<b>Skill Enhancement Course(SEC)-III</b>	4-0-0	04	70	30	-	100
<b>Learning Labs</b>							
16BCAISMA506L	<b>Discipline Specific Electives (DSE)-II-Lab</b>	0-0-2	01	CA -25		25	
16BCAISMA507L	<b>Discipline Specific Electives (DSE)-III-Lab</b>	0-0-2	01	CA -25		25	
	<b>Total</b>	<b>30</b>	<b>22</b>				<b>550</b>

#### **Discipline specific electives (DSE)-II**

Computer Forensics and Investigation /Android Security

#### **Discipline specific electives (DSE)-III**

Web Technology/Advanced Android

#### **Skill Enhancement Course (SEC)-II**

Software Engineering/Mobile Value Added Services

#### **Skill Enhancement Course (SEC)-III**

IT Governance, Risk, & Information Security Management/Virtualization and Cloud Security

**Cumulative Credits-26+26+26+27+22=127**

### Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	<b>Discipline Specific Electives (DSE)-IV</b>	4-0-0	04	70	30	-	100
16BCA602	<b>Skill Enhancement Course (SEC)-IV</b>	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	<b>Discipline Specific Electives (DSE)Lab-IV</b>	0-0-2	01	CA -25		25	
14BCA604P	Project/Internship		12	175+ 50 viva		100	325
	<b>Total</b>		<b>21</b>				<b>550</b>

#### **Skill Enhancement Course (SEC)-IV**

Mobile Ecosystem and Business Models/Mobile Testing

#### **Discipline Specific Electives (DSE)-IV**

Mobile, Wireless and VOIP Security/Cyber Forensics

**Total Credits-26+26+26+27+22+21=148**

**Total Marks = 3600**



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**Bachelor of Computer Applications**  
**[Specialization in Mobile Applications  
and Cloud Technology]**



## Bachelor of Computer Applications

[Specialization in Mobile Applications and Cloud Technology]

### CBCS Structure

Sl. No	Type	No of Courses	Credits
1	Core Courses	(i) 12 Theory( $12 \times 4 = 48$ ) 01 Theory( $4+1 = 5$ ) (ii) Practical's( $7 \times 1 = 7$ ) (iii) Project=12	$60 + 12 = 72$
2	Discipline Specific Electives (DSE)	$4T \times 4 = 16$ Practical's( $4 \times 1 = 4$ )	20
3	Generic Elective (GE)	$4 \times 4 = 16$	16
4	Ability Enhancement Compulsory Courses (AECC)	$2 \times 4 = 8$	08
5	Skill Enhancement Courses (SEC)	$4 \times 4 = 16$	16
6	Languages	$4 \times 4 = 16$	16

**Total: 148**

## Bachelor of Computer Applications

[Specialization in Mobile Applications and Cloud Technology]

### Curriculum Matrix

#### Semester I

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA101	Language-I	4-0-0	04	70	30	100
16BCA102	English-I	4-0-0	04	70	30	100
16BCA103	Fundamentals of Mathematics	4-0-0	04	70	30	100
16BCA104	Computer Fundamentals & Organization	4-0-0	04	70	30	100
16BCA105	Programming in C	4-0-0	04	70	30	100
16BCA106	Introduction to Linux	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA107L	C Programming Lab	0-0-2	01	CA -25		25
16BCA108L	Linux Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

**Credits-26**

#### Semester II

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA201	Language-II	4-0-0	04	70	30	100
16BCA202	English-II	4-0-0	04	70	30	100
16BCA203	Operating System	4-0-0	04	70	30	100
16BCA204	OOPS with C++	4-0-0	04	70	30	100
16BCA205	Data Structures Using C	4-0-0	04	70	30	100
<b>Learning Labs</b>						
16BCA207L	OOPS with C++ Lab	0-0-2	01	CA -25		25
16BCA208L	Data Structures Lab	0-0-2	01	CA -25		25
	<b>Total</b>	<b>28</b>	<b>22</b>			<b>550</b>
16BCA206	<b>Skill Enhancement Course (SEC)-1</b> Mind Management & Human Values	4-0-0	04	70	30	<b>100</b>

**Cumulative Credits-26+26=52**

**Semester III**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCA301	Information Security Fundamentals	4-0-0	04	70	30	100
16BCA302	RDBMS	4-0-0	04	70	30	100
16BCA303	COMPUTER NETWORKS	4-0-0	04	70	30	100
16BCA304	PROGRAMMING in JAVA	4-0-0	04	70	30	100
16BCA305	<b>Generic Elective (GE)-I</b>	4-0-0	04	70	30	100
16BCA306	<b>Generic Elective (GE)-II</b>	4-0-0	04	70	30	100
Learning Labs						
16BCA307L	RDBMS LAB	0-0-2	01	CA -25	25	
16BCA308L	JAVA PROGRAMMING LAB	0-0-2	01	CA -25	25	
	<b>Total</b>	<b>28</b>	<b>26</b>			<b>650</b>

Cumulative Credits-26+26+26=78

**Generic Elective (GE)-I**

History of Indian Art. /PERSONALITY &amp; CAREER MANAGEMENT

**Generic Elective(GE)-II**

NEW MEDIA Studies/CONTEMPORARY APPROACHES TO MANAGEMENT

**Semester IV**

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	Total
16BCAMACT401	Installation and configuration of Server	4-1-0	05	70	30	100
16BCAMACT402	Introduction to Virtualization and Cloud Technology	4-0-0	04	70	30	100
16BCAMACT403	<b>Discipline Specific Electives (DSE)-I</b>	4-0-0	04	70	30	100
16BCAMACT404	<b>Generic Elective (GE)-III</b>	4-0-0	04	70	30	100
16BCAMACT405	<b>Generic Elective (GE)-IV</b>	4-0-0	04	70	30	100
16BCAMACT406	<b>Ability Enhancement Compulsory Course (AECC)-I</b> Communicative English	4-0-0	04	70	30	100
Learning Labs						
16BCAISMA407L	Introduction to Cloud Technology-Lab	0-0-2	01	CA -25	25	
16BCAISMA408L	<b>Discipline Specific Electives (DSE)-I-Lab</b>	0-0-2	01	CA -25	25	
	<b>Total</b>	<b>28</b>	<b>27</b>			<b>650</b>

Cumulative Credits-26+26+26+27=105

**Generic Elective (GE)-III**

Discrete Mathematics/Probability &amp; Statistics

**Generic Elective (GE)-IV**

ENTREPRENEURIAL DEVELOPMENT/BUSINESS VERTICALS OVERVIEW

**Discipline Specific Electives (DSE)-I**

Basic Android/Mobile Architecture and App Development

### Semester V

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCAMACT501	<b>Discipline Specific Electives(DSE)-II</b>	4-0-0	04	70	30	-	100
16BCAMACT502	<b>Discipline Specific Electives(DSE)-III</b>	4-0-0	04	70	30	-	100
16BCAMACT503	<b>Skill Enhancement Course (SEC)-II</b>	2-0-4	04	50	-	50	100
16BCAMACT504	<b>Ability Enhancement Compulsory Course (AECC)-II</b> Environmental Science	4-0-0	04	70	30	-	100
16BCAMACT505	<b>Skill Enhancement Course(SEC)-III</b>	4-0-0	04	70	30	-	100
<b>Learning Labs</b>							
16BCAMACT506L	Discipline Specific Electives (DSE)-II-Lab	0-0-2	01	CA -25		25	
16BCAMACT507L	Discipline Specific Electives (DSE)-III-Lab	0-0-2	01	CA -25		25	
	<b>Total</b>	<b>30</b>	<b>22</b>				<b>550</b>

#### **Discipline specific electives (DSE)-II**

Advanced Android/Web Technology

#### **Discipline specific electives (DSE)-III**

Fundamental of Storage Management/Fundamentals of ITIL

#### **Skill Enhancement Course (SEC)-II**

Fundamentals of Datacenter/Disaster recovery and business continuity Management

#### **Skill Enhancement Course (SEC)-III**

Mobile Value Added Services/ Software Engineering

**Cumulative Credits-26+26+26+27+22=127**

### Semester VI

Subject Code	Name of subject	Hrs./week L-T-P	Credits	UE	IA	CA	Total
16BCA601	<b>Discipline Specific Electives (DSE)-IV</b>	4-0-0	04	70	30	-	100
16BCA602	<b>Skill Enhancement Course (SEC)-IV</b>	2-0-4	04	50	-	50	100
<b>Learning Labs</b>							
16BCA603L	<b>Discipline Specific Electives (DSE)Lab-IV</b>	0-0-2	01	CA -25		25	
14BCA604P	Project/Internship		12	175+ 50 viva		100	325
	<b>Total</b>		<b>21</b>				<b>550</b>

#### **Skill Enhancement Course (SEC)-IV**

Mobile Ecosystem and Business Models/Mobile Testing

#### **Discipline Specific Electives (DSE)-IV**

Introduction to Windows Azure / Cyber Forensics

**Total Credits-26+26+26+27+22+21=148**

**Total Marks = 3600**



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**Bachelor of Arts (BA)**

**(PJO –Psychology, Journalism, Optional English)**



**Bachelor of Arts (BA)**  
**(PJO –Psychology, Journalism, Optional English)**

**CBCS Structure**

**OPTIONAL - PSYCHOLOGY**

**CORE COURSES** **5 x 4 + 4 x 1 = 24 CREDITS**

<b>SEMESTER I</b>	: CORE 1 - THEORY - FOUNDATIONS OF PSYCHOLOGY I	4 + 1
	: LEARNING LABS - I	
<b>SEMESTER II</b>	: CORE2 - THEORY - FOUNDATIONS OF PSYCHOLOGY II	4 + 1
	: LEARNING LABS - II	
<b>SEMESTER III</b>	: CORE3 - THEORY - DEVELOPMENTAL PSYCHOLOGY	4 + 1
	: LEARNING LABS - III	
<b>SEMESTER IV</b>	: CORE4 - THEORY - SOCIAL PSYCHOLOGY	4 + 1
	: LEARNING LABS - IV	
	: CORE 5 - THEORY - ABNORMAL PSYCHOLOGY	4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** **5 + 1 = 6 CREDITS**

1. INDIAN APPROACH TO PSYCHOLOGY
2. INDUSTRIAL PSYCHOLOGY
3. HEALTH PSYCHOLOGY
4. POSITIVE PSYCHOLOGY
5. SPORTS PSYCHOLOGY

**OPTIONAL - JOURNALISM**

**CORE COURSES** **5 x 4 + 4 x 1 = 24 CREDITS**

<b>SEMESTER I</b>	: CORE 1 - THEORY -INTROTO MASS COMMUNICATION & MEDIA	4 + 1
	: LEARNING LABS - I	
<b>SEMESTER II</b>	: CORE2 - THEORY - INTRO TO JOURNALISM	4 + 1
	: LEARNING LABS - II	

**SEMESTER III** : CORE3 - THEORY - NEWS REPORTING & EDITING 4 + 1  
: LEARNING LABS - III

**SEMESTER IV** : CORE4 - THEORY -AUDIO AND VISUAL MEDIA 4 + 1  
: LEARNING LABS - IV  
: CORE 5 - THEORY -MEDIA LAWS AND ETHICS 4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** 5 + 1 = 6 CREDITS

1. CONTEMPORARY JOURNALISM
2. ADVERTISING & PUBLIC RELATIONS
3. MEDIA MANAGEMENT
4. NEW MEDIA

### **OPTIONAL ENGLISH**

**CORE COURSES** 6 X 4 = 24 CREDITS

**SEMESTER I** : CORE1 - THEORY - ENGLISH LITERATURE - I 4

**SEMESTER II** : CORE2 - THEORY - ENGLISH LITERATURE - II 4

**SEMESTER III** : CORE3 - THEORY - MODERNISM AND POST-MODERNISM (BRITISH, AMERICAN AND FRENCH) 4  
: CORE 4 - THEORY - LITERATURES OF THE WORLD (EUROPE, AMERICA & RUSSIA) 4

**SEMESTER IV** : CORE 5 - THEORY -INDIA STUDIES 4  
: CORE 6 - THEORY - NATIVE WRITINGS (AFRICA, LATIN AMERICA, NATIVE AMERICA AND THE CARIBBEAN) 4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** 5 + 1 = 6 CREDITS

1. CRITICAL THEORY
2. LINGUISTICS AND STYLISTICS
3. GENDER AND LITERATURE
4. FICTION IN FILMS

**SKILL ENHANCEMENT COURSES (SEC)**

**4 X 4 = 16 CREDITS**

1. EFFECTIVE PRESENTATION SKILLS
2. ACADEMIC WRITING
3. RESEARCH SKILLS
4. MECHANICS OF DIGITAL WORKSPACE
5. CREATIVE AND CRITICAL THINKING SKILLS
6. DRAMATICS
7. MIND MANAGEMENT

**ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)**

**4 X 2 = 8 CREDITS**

1. ENVIRONMENTAL SCIENCE
2. COMMUNICATIVE ENGLISH

**LANGUAGE**

**4 X 4 = 16 CREDITS**

**SEMESTER I** : THEORY - ENGLISH I  
: THEORY – LANGUAGE I

**SEMESTER II** : THEORY - ENGLISH II  
: THEORY – LANGUAGE II

**GENERAL ELECTIVE (GE)**

**3 X 6 = 18 CREDITS**

1. BIOLOGICAL PROCESSES AND GENETICS (DEPT OF BIOLOGY)
2. INDIAN AESTHETICS (DEPT OF PERFORMING ARTS)
3. SOCIAL THOUGHT & CONTEMPORARY SOCIAL ISSUES (DEPT OF SOCIOLOGY)
4. CONTEMPORARY THEORIES OF MANAGEMENT AND ENTREPRENEURSHIP (DEPT OF MANAGEMENT)
5. CRIMINALISTICS & CRIME SCENE MANAGEMENT (DEPT OF FORENSIC SCIENCE)
6. CONTEMPORARY POLITICS AND ISSUES OF GLOBALIZATION (DEPT OF POLITICAL SCIENCE)
7. GANDHIAN THOUGHT AND LITERARY RESPONSES (DEPT OF LANGUAGE)
8. INTRODUCTION TO JAIN STUDIES (DEPT OF CULTURE STUDIES)

**Total Credits - 148**

**Bachelor of Arts (BA)**  
**(PJO –Psychology, Journalism, Optional English)**

**Curriculum Matrix**

**Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
	LANGUAGE – I	4	-	-	4	70	30	100
	ENGLISH – I	4	-	-	4	70	30	100
OPT ENG 1	ENGLISH LITERATURE – I	4	-	-	4	70	30	100
PSYCHOLOGY 1	FOUNDATIONS OF PSYCHOLOGY I	4	-	-	4	70	30	100
JOURNALISM 1	INTRODUCTION TO MASS COMMUNICATION & MEDIA	4	-	-	4	70	30	100
<b>Learning Labs</b>								
	PSYCHOLOGY LAB I			2	1	-	-	-*
	JOURNALISM LAB I			2	1	-	-	-*
	<b>Total</b>	<b>20</b>	<b>-</b>	<b>4</b>	<b>22</b>	<b>350</b>	<b>150</b>	<b>500</b>
SEC 1	MIND MANAGEMENT & HUMAN VALUES	4			4	70	30	100

**Semester II**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
	LANGUAGE- II	4	-	-	4	70	30	100
	ENGLISH – II	4	-	-	4	70	30	100
OPT ENG 2	ENGLISH LITERATURE – II	4	-	-	4	70	30	100
PSYCHOLOGY 2	FOUNDATIONS OF PSYCHOLOGY II	4	-	-	4	70	30	100
JOURNALISM 2	INTRODUCTION TO JOURNALISM	4	-	-	4	70	30	100
<b>Learning Labs</b>								
	PSYCHOLOGY LAB II		-	2	1	-	-	50*
	JOURNALISM LAB II		-	2	1	-	-	50*
AECC 1	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
	<b>Total</b>	<b>24</b>	<b>-</b>	<b>4</b>	<b>26</b>	<b>420</b>	<b>180</b>	<b>700</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

*\* CA - CONTINUOUS ASSESSMENT MARKS WILL BE DIVIDED AS BELOW*

*• 50 MARKS FOR 10 EXPERIMENTS (Marks of Sem I will be recorded at the end of Sem II)*

### Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
OPT ENG 3	MODERNISM AND POST-MODERNISM (BRITISH, AMERICAN AND FRENCH)	4	-	-	4	70	30	100
OPT ENG 4	LITERATURES OF THE WORLD (EUROPE, AMERICA & RUSSIA)	4	-	-	4	70	30	100
PSYCHOLOGY 3	DEVELOPMENTAL PSYCHOLOGY	4	-	-	4	70	30	100
JOURNALISM 3	NEWS REPORTING & EDITING	4	-	-	4	70	30	100
<b>Learning Labs</b>								
	PSYCHOLOGY LAB III	-	-	2	1	-	-	-*
	JOURNALISM LAB III	-	-	2	1	-	-	-*
SEC 2	TO BE DECIDED	4	-	-	4	70	30	100
AECC 2	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>	-	<b>4</b>	<b>26</b>	<b>420</b>	<b>180</b>	<b>600</b>

### Semester IV

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
OPT ENG 5	INDIA STUDIES	4	-	-	4	70	30	100
OPT ENG 6	NATIVE WRITINGS (AFRICA, LATIN AMERICA, NATIVE AMERICA AND THE CARIBBEAN)	4	-	-	4	70	30	100
PSYCHOLOGY 4	SOCIAL PSYCHOLOGY	4	-	-	4	70	30	100
PSYCHOLOGY 5	ABNORMAL PSYCHOLOGY	4	-	-	4	70	30	100
JOURNALISM 4	AUDIO AND VISUAL MEDIA	4	-	-	4	70	30	100
JOURNALISM 5	MEDIA LAWS AND ETHICS	4	-	-	4	70	30	100
<b>Learning Labs</b>								
	PSYCHOLOGY LAB IV	-	-	2	1			50*
	JOURNALISM LAB IV	-	-	2	1			50*
<b>Total</b>		<b>24</b>	-	<b>4</b>	<b>26</b>	<b>420</b>	<b>180</b>	<b>700</b>

\* CA - CONTINIOUS ASSESSMENT MARKS WILL BE DIVIDED AS BELOW

• 50 MARKS FOR 10 EXPERIMENTS (Marks of Sem III will be recorded at the end of Sem IV)

### Semester V

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
GE 1	GENERAL ELECTIVE 1	5	1	-	6	100	50	150
GE 2	GENERAL ELECTIVE 2	5	1	-	6	100	50	150
GE 3	GENERAL ELECTIVE 3	5	1	-	6	100	50	150
SEC 3	TO BE DECIDED	4	-	-	4	70	30	100
<b>Total</b>		<b>19</b>	<b>3</b>	-	<b>22</b>	<b>370</b>	<b>180</b>	<b>550</b>

Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
DSE 1 : OPT ENG	ELECTIVE 1 - CRITICAL THEORY/ ELECTIVE 2 - LINGUISTICS AND STYLISTICS ELECTIVE 3 - GENDER AND LITERATURE ELECTIVE 4 - FICTION IN FILMS	5	1	-	6	100	50	150
DSE 2 : PSYCHOLOGY	ELECTIVE 1 - INDIAN APPROACH TO PSYCHOLOGY ELECTIVE 2 - INDUSTRIAL PSYCHOLOGY ELECTIVE 3 - HEALTH PSYCHOLOGY ELECTIVE 4 - POSITIVE PSYCHOLOGY	5	1	-	6	100	50	150
DSE 3: JOURNALISM	ELECTIVE 1 - CONTEMPORARY JOURNALISM ELECTIVE 2 - ADVERTISING & PUBLIC RELATIONS ELECTIVE 3 - MEDIA MANAGEMENT ELECTIVE 4 - NEW MEDIA	5	1	-	6	100	50	150
SEC 4	TO BE DECIDED	4	-	-	4	70	30	100
		<b>Total</b>	<b>19</b>	<b>3</b>	<b>0</b>	<b>22</b>	<b>370</b>	<b>180</b>
								<b>550</b>

**Total Credits – 148**

**Total Marks - 3600**



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**Bachelor of Arts (BA)**  
**(PSE –Psychology, Sociology, Economics)**



## **Bachelor of Arts (BA)**

**(PSE –Psychology, Sociology, Economics)**

### **CBCS Structure**

#### **OPTIONAL - PSYCHOLOGY**

**CORE COURSES** **5 x 4 + 4 x 1 = 24 CREDITS**

<b>SEMESTER I</b>	: CORE 1 - THEORY - FOUNDATIONS OF PSYCHOLOGY I	4 + 1
	: LEARNING LABS - I	
<b>SEMESTER II</b>	: CORE2 - THEORY - FOUNDATIONS OF PSYCHOLOGY II	4 + 1
	: LEARNING LABS - II	
<b>SEMESTER III</b>	: CORE3 - THEORY - DEVELOPMENTAL PSYCHOLOGY	4 + 1
	: LEARNING LABS - III	
<b>SEMESTER IV</b>	: CORE4 - THEORY - SOCIAL PSYCHOLOGY	4 + 1
	: LEARNING LABS - IV	
	: CORE 5 - THEORY - ABNORMAL PSYCHOLOGY	4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** **5 + 1 = 6 CREDITS**

1. INDIAN APPROACH TO PSYCHOLOGY
2. INDUSTRIAL PSYCHOLOGY
3. HEALTH PSYCHOLOGY
4. POSITIVE PSYCHOLOGY

#### **SOCIOLOGY**

**CORE COURSES** **6 X 4 = 24 CREDITS**

<b>SEMESTER I</b>	: CORE 1 - THEORY - PRINCIPLES OF SOCIOLOGY – I	4
<b>SEMESTER II</b>	: CORE 2 - THEORY - PRINCIPLES OF SOCIOLOGY – II	4
<b>SEMESTER III</b>	: CORE 3 - THEORY - INDIAN SOCIETY	4
	: CORE 4 - THEORY - SOCIAL MOVEMENTS & SOCIAL CHANGE IN INDIA	4

<b>SEMESTER IV</b>	: CORE 5 - THEORY -CONTEMPORARY SOCIAL PROBLEMS	4
	: CORE 6 - THEORY - SOCIOLOGY OF WOMEN	4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** **5 + 1 = 6 CREDITS**

1. SOCIOLOGY OF DEVELOPMENT
2. RURAL SOCIOLOGY
3. URBAN SOCIOLOGY
4. SOCIOLOGY OF EDUCATION

### **OPTIONAL - ECONOMICS**

**CORE COURSES** **6 X 4 = 24 CREDITS**

<b>SEMESTER I</b>	: CORE 1 - THEORY - MICRO ECONOMIC THEORY	4
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<b>SEMESTER II</b>	: CORE 2 - THEORY - MACRO ECONOMICS	4
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<b>SEMESTER III</b>	: CORE 3 - THEORY -ECONOMETRICS	4
	: CORE 4 - THEORY -INTERNATIONAL ECONOMICS	4

<b>SEMESTER IV</b>	: CORE 5 - THEORY - INDIAN ECONOMY – I	4
	: CORE 6 - THEORY - DEVELOPMENT ECONOMICS	4

**DISCIPLINE SPECIFIC ELECTIVE (DSE)** **5 + 1 = 6 CREDITS**

1. BANKING & FINANCIAL INSTITUTIONS
2. ECONOMICS OF ENTREPRENEURSHIP
3. INDIAN ECONOMY - II
4. ECONOMIC DOCTRINES - I

**SKILL ENHANCEMENT COURSES (SEC)****4 X 4 = 16 CREDITS**

1. SOFT SKILLS
2. ACADEMIC WRITING
3. RESEARCH METHODOLOGY
4. PRINCIPLES OF MANAGEMENT
5. EDITING OF MEDIA SOFTWARES
6. THEATRE AND ACTING
7. MIND MANAGEMENT & HUMAN VALUES

**ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)****4 X 2 = 8 CREDITS**

1. ENVIRONMENTAL SCIENCE
2. COMMUNICATIVE ENGLISH

**LANGUAGE****4 X 4 = 16 CREDITS**

SEMESTER I : THEORY - ENGLISH I  
: THEORY - LANGUAGE I

SEMESTER I : THEORY - ENGLISH II  
: THEORY - LANGUAGE II

**GENERAL ELECTIVE (GE)****3 X 6 = 18 CREDITS**

1. BIOLOGICAL PROCESSES AND GENETICS (DEPT OF BIOLOGY)
2. INDIAN AESTHETICS (DEPT OF PERFORMING ARTS)
3. CONTEMPORARY THEORIES OF MANAGEMENT AND ENTREPRENEURSHIP (DEPT OF MANAGEMENT)
4. CONTEMPORARY POLITICS AND ISSUES OF GLOBALIZATION (DEPT OF POLITICAL SCIENCE)
5. CREATIVE WRITING (DEPT OF ENGLISH)
6. URBAN SPACES AND LIVING (DEPT OF INTERIOR DESIGN)
7. GANDHIAN THOUGHT AND LITERARY RESPONSES (DEPT OF LANGUAGE)

**Total Credits - 148**

## **Bachelor of Arts (BA)**

**(PSE –Psychology, Sociology, Economics)**

### **Curriculum Matrix**

#### **Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
	LANGUAGE – I	4	-	-	4	70	30	100
	ENGLISH – I	4	-	-	4	70	30	100
PSYCHOLOGY 1	FOUNDATIONS OF PSYCHOLOGY I	4	-	-	4	70	30	100
SOCIOLOGY 1	PRINCIPLES OF SOCIOLOGY – I	4	-	-	4	70	30	100
ECONOMICS 1	MICRO ECONOMIC THEORY	4		-	4	70	30	100
Learning Labs	PSYCHOLOGY LAB I			2	1	-	-	-*
	<b>Total</b>	<b>20</b>	<b>-</b>	<b>2</b>	<b>21</b>	<b>350</b>	<b>150</b>	<b>500</b>
SEC 1	MIND MANAGEMENT & HUMAN VALUES	4			4	70	30	100

#### **Semester II**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
	LANGUAGE- II	4	-	-	4	70	30	100
	ENGLISH – II	4	-	-	4	70	30	100
PSYCHOLOGY 2	FOUNDATIONS OF PSYCHOLOGY II	4	-	-	4	70	30	100
SOCIOLOGY 2	PRINCIPLES OF SOCIOLOGY – II	4	-	-	4	70	30	100
ECONOMICS 2	MACRO ECONOMICS	4	-	-	4	70	30	100
Learning Labs								
	PSYCHOLOGY LAB II		-	2	1	-	-	50*
AECC 1	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
	<b>Total</b>	<b>24</b>	<b>-</b>	<b>2</b>	<b>25</b>	<b>420</b>	<b>180</b>	<b>650</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

*\* CA - CONTINIOUS ASSESSMENT MARKS WILL BE DIVIDED AS BELOW*

- 50 MARKS FOR 10 EXPERIMENTS (Marks of Sem I will be recorded at the end of Sem II)*

**Semester III**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
PSYCHOLOGY 3	DEVELOPMENTAL PSYCHOLOGY	4	-	-	4	70	30	100
SOCIOLOGY 3	INDIAN SOCIETY	4	-	-	4	70	30	100
SOCIOLOGY 4	SOCIAL MOVEMENTS AND SOCIAL CHANGE IN INDIA	4	-	-	4	70	30	100
ECONOMICS 3	ECONOMETRICS	4	-	-	4	70	30	100
ECONOMICS 4	INTERNATIONAL ECONOMICS	4	-	-	4	70	30	100
Learning Labs								
	PSYCHOLOGY LAB III	-	-	2	1	-	-	-*
SEC 2	TO BE DECIDED	4			4	70	30	100
AECC 2	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
		<b>Total</b>	<b>28</b>	-	<b>2</b>	<b>29</b>	<b>490</b>	<b>210</b>
								<b>700</b>

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
ECONOMICS 6	SOCIAL PSYCHOLOGY	4	-	-	4	70	30	100
OPT ENG 6	ABNORMAL PSYCHOLOGY	4	-	-	4	70	30	100
PSYCHOLOGY 4	CONTEMPORARY SOCIAL PROBLEMS	4	-	-	4	70	30	100
PSYCHOLOGY 5	SOCIOLOGY OF WOMEN	4	-	-	4	70	30	100
JOURNALISM 4	INDIAN ECONOMY - I	4	-	-	4	70	30	100
JOURNALISM 5	DEVELOPMENT ECONOMIC	4	-	-	4	70	30	100
Learning Labs								
	PSYCHOLOGY LAB IV	-	-	2	1			50*
		<b>Total</b>	<b>24</b>	-	<b>2</b>	<b>25</b>	<b>420</b>	<b>180</b>
								<b>650</b>

\* CA - CONTINIOUS ASSESSMENT MARKS WILL BE DIVIDED AS BELOW

• 50 MARKS FOR 10 EXPERIMENTS (Marks of Sem III will be recorded at the end of Sem IV)

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
GE 1	GENERAL ELECTIVE 1	5	1	-	6	100	50	150
GE 2	GENERAL ELECTIVE 2	5	1	-	6	100	50	150
GE 3	GENERAL ELECTIVE 3	5	1	-	6	100	50	150
SEC 3	TO BE DECIDED	4	-	-	4	70	30	100
		<b>Total</b>	<b>19</b>	<b>3</b>	<b>-</b>	<b>22</b>	<b>370</b>	<b>180</b>
								<b>550</b>

## Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		UE	IA	Total
DSE 1 : OPT ENG	ELECTIVE 1 - INDIAN APPROACH TO PSYCHOLOGY ELECTIVE 2 - INDUSTRIAL PSYCHOLOGY ELECTIVE 3 - HEALTH PSYCHOLOGY ELECTIVE 4 - POSITIVE PSYCHOLOGY	5	1	-	6	100	50	150
DSE 2 : PSYCHOLOGY	ELECTIVE 1 - SOCIOLOGY OF DEVELOPMENT ELECTIVE 2 - RURAL SOCIOLOGY ELECTIVE 3 - URBAN SOCIOLOGY I ELECTIVE 4 - SOCIOLOGY OF EDUCATION	5	1	-	6	100	50	150
DSE 3: JOURNALISM	ELECTIVE 1 - BANKING & FINANCIAL INSTITUTIONS ELECTIVE 2 - ECONOMICS OF ENTREPRENEURSHIP ELECTIVE 3 - INDIAN ECONOMY - II ELECTIVE 4 - ECONOMIC DOCTRINES - I	5	1	-	6	100	50	150
SEC 4	TO BE DECIDED	4	-	-	4	70	30	100
<b>Total</b>		<b>19</b>	<b>3</b>	<b>-</b>	<b>22</b>	<b>370</b>	<b>180</b>	<b>550</b>

**Total Credits – 148**

**Total Marks - 3600**



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

**BA in Journalism & Mass Communication**  
**(Media Studies)**



## **BA in Journalism & Mass Communication** **(Media Studies)**

### **CBCS Structure**

Semester	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Total Credits
<b>Language</b>	Lang	Lang					8
<b>English</b>	English I	English II					8
<b>Core Courses</b>	Introduction to communication	Writing for Mass Media	Advertising	Business Jorunalism	Film studies	Media laws	72
	Reporting & Editing I	Reporting & Editing II	Public relations	New media	Culture studies	Film production techniques	
	History of Journalism	Introduction to Audio Visual Media	Photo-journalism	Development communication	Research Methodology	International Communications	
<b>Ability Enhancement Compulsory Course (AECC)</b>			Communicative English	Environmental studies			8
<b>Skill Enhancement course (SEC)</b>	Mind Management & Human Values	Computer Fundamentals	Theatre & dramatics	Presentation styles			16
<b>Discipline Specific Elective (DSE)</b>					Feature & Magazine writing \	Leisure and Lifestyle reporting	20
					Public Relations & Media Relations	Event Management	
					Advertising in contemporary society	Copy Wright & Design	
					Documentary Production	Radio & Television production	
<b>Generic Electives (GE)</b>			Creative Writing / Gender studies	Contemporary politics & the challenges of globalization/ Economics of media	Dynamics of the workplace / Social Thought & contemporary social issues	Corporate Communication/ Contemporary approaches to Management & Entrepreneurship	16
							148

## **BA in Journalism & Mass Communication** **(Media Studies)**

### **Curriculum Matrix**

#### **Semester I**

<b>Paper No.</b>	<b>Title of the Paper</b>	<b>Hrs/wk</b>			<b>Credits</b>	<b>Marks</b>		
		<b>L</b>	<b>T</b>	<b>P</b>		<b>IA</b>	<b>UE</b>	<b>Total</b>
	English	4	-	-	4	30	70	100
	Language	4	-	-	4	30	70	100
BAJ101	Introduction to Communication	4	-	-	4	30	70	100
BAJ102	Reporting & Editing - I	3	-	2	4	30	70	100
BAJ103	History of Journalism	4	-	-	4	30	70	100
<b>Total</b>					<b>20</b>			<b>500</b>
	Mind Management & Human Values (Skill Enhancement Course - SEC 1)	4	-	-	4	30	70	100

#### **Semester II**

<b>Paper No.</b>	<b>Title of the Paper</b>	<b>Hrs/wk</b>			<b>Credits</b>	<b>Marks</b>		
		<b>L</b>	<b>T</b>	<b>P</b>		<b>IA</b>	<b>UE</b>	<b>Total</b>
	English	4	-	-	4	30	70	100
	Language	4	-	-	4	30	70	100
BAJ201	Writing for Mass Media	4	-	-	4	30	70	100
BAJ202	Reporting and Editing-II	3	-	2	4	30	70	100
BAJ203	Introduction to A/V Media	3	-	2	4	30	70	100
BAJ204	Computer Fundamentals (Skill Enhancement Course - SEC 2)	4	-	-	4	30	70	100
<b>Total</b>					<b>24</b>			<b>600</b>

**Semester III**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		IA	UE	Total
BAJ 301	Advertising	4	-	-	4	30	70	100
BAJ 302	Public Relations	4	-	-	4	30	70	100
BAJ 303	Photojournalism	4	-	2	5	30	70	100
	Creative Writing / Gender Studies <b>(Generic Elective – GE 1)</b>	4	-	-	4	30	70	100
	Communicative English <b>(Ability Enhancement Compulsory Course – AECC 1)</b>	4	-	-	4	30	70	100
	Theatre & Dramatics <b>(Skill Enhancement Course – SEC 3)</b>	4	-	-	4	30	70	100
<b>Total</b>					<b>25</b>			<b>600</b>

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		IA	UE	Total
BAJ 401	Business Journalism	3	-	-	3	30	70	100
BAJ 402	New Media	4	-	-	4	30	70	100
BAJ 403	Development Communication	4	-	-	4	30	70	100
	Contemporary politics & the challenges of globalization/ Economics of media <b>(Generic Electives – GE 2)</b>	4	-	-	4	30	70	100
	Environmental Studies <b>(Ability Enhancement Compulsory Course – AECC 2)</b>	4	-	-	4	30	70	100
	Presentation Styles <b>(Skill Enhancement Course - SEC 4)</b>	4	-	-	4	30	70	100
<b>Total</b>					<b>23</b>			<b>600</b>

*NOTE: Practical subjects in Semester III, IV, V and VI will also have a learning lab.*

### Semester V

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		IA	UE	Total
BAJ 501	Film Studies	3	-	2	4	30	70	100
BAJ 502	Culture Studies	4	-	-	4	30	70	100
BAJ 503	Research Methodology	4	-	-	4	30	70	100
	Dynamics of the workplace / Social Thought & contemporary social Issues (Generic Elective – GE 3)	4	-	-	4	30	70	100
	Discipline Specific Elective – DSE 1	4	-	-	4	30	70	100
	Discipline Specific Elective – DSE 2	4	-	-	4	30	70	100
<b>Total</b>					<b>24</b>			<b>600</b>

#### *Discipline Specific Electives: DSE 1 / DSE 2 (Any two from following)*

- a) Feature & Magazine writing
- b) Public Relations & Media Relations
- c) Advertising in Contemporary society
- d) Documentary Production

### Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Marks		
		L	T	P		IA	UE	Total
BAJ 601	Media Laws	4	-	-	4	30	70	100
BAJ 602	Film Production Techniques	3	-	2	4	30	70	100
BAJ 603	International Communications	4	-	-	4	30	70	100
	Corporate Communication / Contemporary approaches to Management & Entrepreneurship (Generic Electives – GE 4)	4	-	-	4	30	70	100
	Discipline Specific Elective – DSE 3	4	-	-	4	30	70	100
	Discipline Specific Elective – DSE 4	4	-	-	4	30	70	100
	Discipline Specific Elective – DSE 5	4	-	-	4	30	70	100
<b>Total</b>					<b>28</b>			<b>700</b>

#### *Discipline Specific Electives: DSE 3 / DSE 4 / DSE 5 (Any three from following)*

- a) Leisure & Life Style Reporting
- b) Event Management
- c) Copy writing & Design
- d) Radio & Television production
- e) Media Management

**Total Credits : 148 & Total Marks : 3600**



**JAIN UNIVERSITY**

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

## Bachelor of Commerce

(with specialisation in Marketing / Finance / Accounting /  
Finance and Actuarial Studies /  
Global Business Services / Financial Markets)



## Bachelor of Commerce

(with specialisation in Marketing / Finance / Accounting / Finance and Actuarial Studies / Global Business Services / Financial Markets)

CBCS Structure			
Sl. No	Particulars	Subjects	Credits
I.	CORE	1. Financial Accounting – I, 2. Business Economics 3. Quantitative Methods I 4. Organizational Behaviour & Human Resource Management – II 5. Financial Accounting – II 6. Marketing Management 7. Quantitative Methods II 8. Corporate Accounting – I 9. Cost Accounting/Cost Management (for GBS, FAS, FM) 10. International Financial Reporting Standards 11. Corporate Accounting – II 12. Applied Cost Accounting/ Introduction to Global Business Studies (GBS)/ Quantitative Technique and Introduction to Actuarial Science (FAS)/ Global Securities (FM) 13. Financial Management	14. Income Tax – I 15. Principles of Auditing 16. Income Tax – II 17. Management Accounting 18. Business Law 18 X 4 = 72
II.	DISCIPLINE SPECIFIC ELECTIVE (DSE)	Marketing Elective 1. Advertising Management 2. Consumer Behaviour 3. Services Marketing 4. Sales & Distribution Management 5. International Marketing	Finance Elective 1. Advanced Financial Mgmt. 2. Advanced Financial Markets & Services 3. Corporate Finance 4. Security Analysis and Portfolio Management 5. International Financial Management Accounting Elective 1. Advanced Financial Accountancy – I 2. Financial Reporting 3. Indirect Taxes 4. Advanced Auditing 5. Advanced Financial Accountancy – II 5 X 4 = 20

		<b>Finance and Actuarial Studies</b>	<b>Global Business Services</b>			<b>Financial Markets</b>
		1. Finance and Financial Maths 2. Statistics and Models 3. Long term Actuarial Maths 4. Short term Actuarial Maths 5. Models and Audit Trials	1. Accounting for Managers 2. Accountant in Business 3. Financial Reporting 4. Performance Management 5. Global Financial Management			1. Investment Management 2. Bonds and Fixed Interest Markets 3. Financial Derivatives 4. Fund Management 5. Financial Markets
III	<b>GENERIC ELECTIVE (GE)</b>	GE 1  GE 2	1. Company Law & Secretarial Practice 2. Gandhian Thoughts and Literary Responses 3. Language (English/Hindi/Sanskrit/Kannada/Spanish)	GE 3  GE 4	1. Banking Theory & Practice 2. Geo-politics and Globalization 1. International Business 2. Psychology	4 X 4 = 16
IV	<b>ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)</b>	1. Communicative English 2. Environmental Science				4 X 2 = 8
V	<b>SKILL ENHANCEMENT COURSES (SEC)</b>	SPEC 1  SEC 2	1. Mind Management and Human Values (Compulsory)  1. MS-Excel and Tally ERP 9.0 2. Personal Selling and Salesmanship	SEC 3  SEC 4	1. E-Commerce 2. Stock Market Operations  1. Entrepreneurship 2. Negotiation Skills 3. English - II 4. Language - II	4 X 4 = 16
Vi	<b>LANGUAGE</b>	1. English I 2. Language – I	TOTAL		4 X 4 = 16	148

## **Bachelor of Commerce**

**(with specialisation in Marketing / Finance / Accounting / Finance and Actuarial Studies / Global Business Services / Financial Markets)**

### **Curriculum Matrix**

#### **Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
1BCOM1	LANGUAGE – I	4	-	-	4	70	30	100
1BCOM2	ENGLISH – I	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
1BCOM3	FINANCIAL ACCOUNTING – I	4	-	-	4	70	30	100
1BCOM4	BUSINESS ECONOMICS	4	-	-	4	70	30	100
1BCOM5	QUANTITATIVE METHODS-I	4	-	-	4	70	30	100
1BCOM6	ORGANIZATIONAL BEHAVIOUR & HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BCOM7	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

#### **Semester II**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
2BCOM1	LANGUAGE – II	4	-	-	4	70	30	100
2BCOM2	ENGLISH – II	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
2BCOM3	FINANCIAL ACCOUNTING – I	4	-	-	4	70	30	100
2BCOM4	BUSINESS ECONOMICS	4	-	-	4	70	30	100
2BCOM5	QUANTITATIVE METHODS-II	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
2BCOM6	MS-EXCEL AND TALLY ERP 9.0/ PERSONAL SELLING AND SALESMANSHIP	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

### Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
3BCOM1	CORPORATE ACCOUNTING – I	4	-	-	4	70	30	100
3BCOM2	COST ACCOUNTING/COST MANAGEMENT (for GBS, FAS, FM)	4	-	-	4	70	30	100
3BCOM3	INTERNATIONAL FINANCIAL REPORTING STANDARDS	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
3BCOM4	COMPANY LAW & SECRETARIAL PRACTICE/GANDHIAN THOUGHTS AND LITERARY RESPONSES / LANGUAGE(ENGLISH/HINDI/ SANSKRIT/KANNADA/SPANISH)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
3BCOM5	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
3BCOM6	E-COMMERCE/ STOCK MARKET OPERATIONS	4	-	-	4	70	30	100
<b>Total</b>	<b>24</b>				<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

### Semester IV

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
4BCOM1	CORPORATE ACCOUNTING – II	4	-	-	4	70	30	100
4BCOM2	APPLIED COST ACCOUNTING/ INTRODUCTION TO GLOBAL BUSINESS STUDIES (GBS)/ QUANTITATIVE TECHNIQUE AND INTRODUCTION TO ACTUARIAL SCIENCE (FAS)/ GLOBAL SECURITIES (FM)	4	-	-	4	70	30	100
4BCOM3	FINANCIAL MANAGEMENT	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BCOM4	JOURNALISM/OPERATIONS MANAGEMENT/ LANGUAGE (ENGLISH/HINDI/SANSKRIT/ KANNADA/GERMAN)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BCOM5	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BCOM6	ENTREPRENEURSHIP / NEGOTIATION SKILLS	4	-	-	4	70	30	100
<b>Total</b>	<b>24</b>				<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
5BCOM1	INCOME TAX- I	4	-	-	4	70	30	100
5BCOM2	PRINCIPLES OF AUDITING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
5BCOM3	BANKING THEORY & PRACTICE/ GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BCOM4	DSE 1	4	-	-	4	70	30	100
5BCOM5	DSE 2	4	-	-	4	70	30	100
5BCOM6	DSE 3	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>	-	-	<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Semester VI**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
6BCOM1	INCOME TAX- II	4	-	-	4	70	30	100
6BCOM2	MANAGEMENT ACCOUNTING	4	-	-	4	70	30	100
6BCOM3	BUSINESS LAW	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BCOM4	DSE 4	4	-	-	4	70	30	100
6BCOM5	DSE 5	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
6BCOM6	INTERNATIONAL BUSINESS / PSYCHOLOGY	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>	-	-	<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Total Credits: 148**

**Total Marks : 3600**

ELECTIVE	MARKETING	FINANCE	ACCOUNTING
DSE 1	ADVERTISING MANAGEMENT	ADVANCED FINANCIAL MGMT.	ADVANCED FINANCIAL ACCOUNTANCY – I
DSE 2	CONSUMER BEHAVIOUR	ADVANCED FINANCIAL MARKETS & SERVICES	FINANCIAL REPORTING
DSE 3	SERVICES MARKETING	CORPORATE FINANCE	INDIRECT TAXES
DSE 4	SALES & DISTRIBUTION MANAGEMENT	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	ADVANCED AUDITING
DSE 5	INTERNATIONAL MARKETING	INTERNATIONAL FINANCIAL MANAGEMENT	ADVANCED FINANCIAL ACCOUNTANCY – II

ELECTIVE	FINANCE AND ACTUARIAL STUDIES	GLOBAL BUSINESS SERVICES	FINANCIAL MARKETS
DSE 1	FINANCE AND FINANCIAL MATHS	ACCOUNTING FOR MANAGERS	INVESTMENT MANAGEMENT
DSE 2	STATISTICS AND MODELS	ACCOUNTANT IN BUSINESS	BONDS AND FIXED INTEREST MARKETS
DSE 3	LONG TERM ACTUARIAL MATHS	FINANCIAL REPORTING	FINANCIAL DERIVATIVES
DSE 4	SHORT TERM ACTUARIAL MATHS	PERFORMANCE MANAGEMENT	FUND MANAGEMENT
DSE 5	MODELS AND AUDIT TRIALS	GLOBAL FINANCIAL MANAGEMENT	FINANCIAL MARKETS



**Bachelor of Commerce (Honours)**  
**International Finance and Accounting (ACCA Accredited)**



**Bachelor of Commerce (Honours)**  
**International Finance and Accounting (ACCA Accredited)**

CBCS Structure														
Sl. No.	CONTENT	Credits												
I.	<p align="center"><b>CORE COURSES</b></p> <ul style="list-style-type: none"> <li>1. Organizational Management and Compliances</li> <li>2. Human Resource Management</li> <li>3. Management Accounting</li> <li>4. Financial Accounting</li> <li>5. Organizational Behaviour</li> <li>6. Corporate and Business Law</li> <li>7. Performance Management</li> <li>8. Taxation</li> <li>9. Marketing Management</li> </ul>	<p align="center"><b>Subjects</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">10. Financial Reporting</td> <td style="width: 50%;">16. Advanced Financial Management</td> </tr> <tr> <td>11. Financial Management</td> <td>17. Advanced Performance Management,</td> </tr> <tr> <td>12. Audit and Assurance</td> <td>18. Strategic Management</td> </tr> <tr> <td>13. Governance, Risk and Ethics</td> <td>19. Advance Audit &amp; Assurance</td> </tr> <tr> <td>14. Business Economics</td> <td>20. Advanced Taxation</td> </tr> <tr> <td>15. Corporate Reporting</td> <td></td> </tr> </table> <p align="right"><math>20 \times 4 = 80</math></p>	10. Financial Reporting	16. Advanced Financial Management	11. Financial Management	17. Advanced Performance Management,	12. Audit and Assurance	18. Strategic Management	13. Governance, Risk and Ethics	19. Advance Audit & Assurance	14. Business Economics	20. Advanced Taxation	15. Corporate Reporting	
10. Financial Reporting	16. Advanced Financial Management													
11. Financial Management	17. Advanced Performance Management,													
12. Audit and Assurance	18. Strategic Management													
13. Governance, Risk and Ethics	19. Advance Audit & Assurance													
14. Business Economics	20. Advanced Taxation													
15. Corporate Reporting														
II.	<p align="center"><b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b></p> <ul style="list-style-type: none"> <li>1. Advanced Corporate Accounting -I</li> <li>2. Securities Laws and Compliances</li> <li>3. Information system and Control Audit</li> <li>4. Advanced Corporate Accounting -II</li> <li>5. Corporate taxation</li> </ul>	<p align="center"><b>Corporate Accounting</b></p> <p align="center"><b>Corporate Finance</b></p> <p align="right"><math>4 \times 5 = 20</math></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1. Equity Investments</td> <td style="width: 50%;">1. Equity Investments</td> </tr> <tr> <td>2. Fixed Income Securities</td> <td>2. Fixed Income Securities</td> </tr> <tr> <td>3. Derivative Markets</td> <td>3. Derivative Markets</td> </tr> <tr> <td>4. Financial Planning and Wealth Management</td> <td>4. Financial Planning and Wealth Management</td> </tr> <tr> <td>5. International Finance</td> <td>5. International Finance</td> </tr> </table>	1. Equity Investments	1. Equity Investments	2. Fixed Income Securities	2. Fixed Income Securities	3. Derivative Markets	3. Derivative Markets	4. Financial Planning and Wealth Management	4. Financial Planning and Wealth Management	5. International Finance	5. International Finance		
1. Equity Investments	1. Equity Investments													
2. Fixed Income Securities	2. Fixed Income Securities													
3. Derivative Markets	3. Derivative Markets													
4. Financial Planning and Wealth Management	4. Financial Planning and Wealth Management													
5. International Finance	5. International Finance													

<b>III.</b>	<b>GENERIC ELECTIVE (GE)</b>	<b>GE 1</b>	1. Company Law and Secretarial Practice 2. Gandhian Thoughts and Literary Responses 3. Language (English/Hindi/Sanskrit/Kannada/Spanish)	<b>GE 3</b>	1. Banking Theory and Practice 2. Geo – Politics and Globalization	<b>4 X 4 = 16</b>
		<b>GE 2</b>	1. Journalism 2. Operations Management 3. Language (English/Hindi/Sanskrit/Kannada/German)	<b>GE 4</b>	1. International Business 2. Psychology	
<b>IV.</b>	<b>ABILITY ENHANCEMENT COMPUTER COURSES (AECC)</b>		1. Communicative English 2. Environmental Science			<b>4 X 2 = 8</b>
<b>V.</b>	<b>SKILL ENHANCEMENT COURSES (SEC)</b>	<b>SEC 1</b>	1. Mind Management and Human Values (Compulsory)	<b>SEC 3</b>	1. E-Commerce 2. Stock Market Operations	
		<b>SEC 2</b>	1. MS-Excel and Tally ERP 9.0 2. Personal Selling and Salesmanship	<b>SEC 4</b>	1. Entrepreneurship 2. Negotiation Skills	
<b>VI.</b>	<b>LANGUAGE</b>		1. English - I 2. English - II		4 X 2 = 8	
					<b>Total</b>	<b>148</b>

## **Bachelor of Commerce (Honours)**

**International Finance And Accounting (ACCA Accredited)**

### **Curriculum Matrix**

#### **Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
1BCOMH1	ENGLISH – I	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
1BCOMH2	HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100
1BCOMH3	ORGANISATIONAL MANAGEMENT AND COMPLIANCES	4	-	-	4	70	30	100
1BCOMH4	MANAGEMENT ACCOUNTING	4	-	-	4	70	30	100
1BCOMH5	FINANCIAL ACCOUNTING	4	-	-	4	70	30	100
1BCOMH6	ORGANIZATIONAL BEHAVIOUR	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BCOMH7	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

## Semester II

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>LANGUAGES</b>									
2BCOMH1	LANGUAGE – II	4	-	-	4	70	30	100	
<b>CORE COURSES</b>									
2BCOMH2	MARKETING MANAGEMENT	4	-	-	4	70	30	100	
2BCOMH3	CORPORATE AND BUSINESS LAW	4	-	-	4	70	30	100	
2BCOMH4	PERFORMANCE MANAGEMENT	4	-	-	4	70	30	100	
2BCOMH5	TAXATION	4	-	-	4	70	30	100	
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
2BCOMH6	MS-EXCEL AND TALLY ERP 9.0 PERSONAL SELLING AND SALESMANSHIP	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

## Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>CORE COURSES</b>									
3BCOMH1	FINANCIAL REPORTING	4	-	-	4	70	30	100	
3BCOMH2	AUDIT AND ASSURANCE	4	-	-	4	70	30	100	
3BCOMH3	FINANCIAL MANAGEMENT	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
3BCOMH4	COMPANY LAW AND SECRETARIAL PRACTICE / GANDHIAN THOUGHTS AND LITERARY RESPONSES / LANGUAGE(ENGLISH/HINDI/ SANSKRIT/ KANNADA/SPANISH)	4	-	-	4	70	30	100	
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>									
3BCOMH5	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100	
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
3BCOMH6	E-COMMERCE / STOCK MARKET OPERATIONS	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
4BCOMH1	GOVERNANCE, RISK AND ETHICS	4	-	-	4	70	30	100
4BCOMH2	BUSINESS ECONOMICS	4	-	-	4	70	30	100
4BCOMH3	CORPORATE REPORTING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BCOMH4	JOURNALISM/OPERATIONS MANAGEMENT/ LANGUAGE LANGUAGE (ENGLISH/HINDI/ SANSKRIT/ KANNADA/ GERMAN)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BCOMH5	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BCOMH6	ENTREPRENEURSHIP / NEGOTIATION SKILLS	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>		<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
5BCOMH1	ADVANCED FINANCIAL MANAGEMENT	4	-	-	4	70	30	100
5BCOMH2	ADVANCED PERFORMANCE MANAGEMENT	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
5BCOMH3	BANKING THEORY AND PRACTICE / GEO – POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BCOMH4	DSE 1	4	-	-	4	70	30	100
5BCOMH5	DSE 2	4	-	-	4	70	30	100
5BCOMH6	DSE 3	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>		<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
6BCOMH1	STRATEGIC MANAGEMENT	4	-	-	4	70	30	100
6BCOMH2	ADVANCED TAXATION	4	-	-	4	70	30	100
6BCOMH3	ADVANCED AUDIT AND ASSURANCE	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BCOMH4	DSE 4	4	-	-	4	70	30	100
6BCOMH5	DSE 5	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
6BCOMH6	INTERNATIONAL BUSINESS / PSYCHOLOGY	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>	-	-	<b>24</b>	<b>420</b>	<b>180</b>
								<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Total Credits: 148**

**Total Marks : 3600**

ELECTIVE	CORPORATE ACCOUNTING	CORPORATE FINANCE
DSE 1	ADVANCED CORPORATE ACCOUNTING -I	EQUITY INVESTMENTS
DSE 2	SECURITIES LAWS AND COMPLIANCES	FIXED INCOME SECURITIES
DSE 3	INFORMATION SYSTEM AND CONTROL AUDIT	DERIVATIVE MARKETS
DSE 4	ADVANCED CORPORATE ACCOUNTING -II	FINANCIAL PLANNING AND WEALTH MANAGEMENT
DSE 5	CORPORATE TAXATION	INTERNATIONAL FINANCE



**Bachelor of Commerce (Honours)**

**Risk Management (CIMA Accredited)**



**Bachelor of Commerce (Honours)**  
**Risk Management (CIMA Accredited)**

**CBCS Structure**

Sl. No.	CONTENT	Subjects	Credits
I.	<b>CORE COURSES</b> <ul style="list-style-type: none"> <li>1. Fundamental of Financial Accounting</li> <li>2. Human Resource Management</li> <li>3. Business Maths</li> <li>4. Mercantile Law</li> <li>5. Organizational Behaviour</li> <li>6. Fundamental of Management Accounting</li> <li>7. Fundamental of Corporate Governance and Ethics</li> <li>8. Marketing Management</li> <li>9. Business Economics</li> </ul>	10. Financial Reporting, 11. Basis of Taxation 12. Organizational Management, 13. Management Accounting 14. Project and Relationship Management 15. Principles of Auditing	20X 4 = 80
II.	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>	<b>Corporate Accounting</b> <ul style="list-style-type: none"> <li>1. Advanced Corporate Accounting -I</li> <li>2. Securities Laws and Compliances</li> <li>3. Information system and Control Audit</li> <li>4. Advanced Corporate Accounting -II</li> <li>5. Corporate taxation</li> </ul>	<b>Corporate Finance</b> <ul style="list-style-type: none"> <li>1. Equity Investments</li> <li>2. Fixed Income Securities</li> <li>3. Derivative Markets</li> <li>4. Financial Planning and Wealth Management</li> <li>5. International Finance</li> </ul>
III.	<b>GENERIC ELECTIVE (GE)</b>	GE 1 <ul style="list-style-type: none"> <li>1. Company Law and Secretarial Practice</li> <li>2. Gandhian Thoughts and Literary Responses</li> <li>3. Language (English/Hindi/Sanskrit/ Kannada/Spanish)</li> </ul> GE 2 <ul style="list-style-type: none"> <li>1. Journalism</li> <li>2. Operations Management</li> <li>3. Language (English/Hindi/Sanskrit/ Kannada/German)</li> </ul>	GE 3 <ul style="list-style-type: none"> <li>1. Banking and Theory and Practice</li> <li>2. Geo - Politics and Globalization</li> </ul> GE 4 <ul style="list-style-type: none"> <li>1. International Business</li> <li>2. Psychology</li> </ul>

	<b>ABILITY ENHAN- CEMENT COURSES (AECC)</b>	1. Communicative English 2. Environmental Science						4 X 2 = 8
<b>IV.</b>	<b>COMPULSORY COURSES</b>							
<b>V.</b>	<b>SKILL ENHAN- CEMENT COURSES (SEC)</b>	SEC 1 1. Mind Management and Human Values (Compulsory)	SEC 3 1. E-Commerce 2. Stock Market Operations					
		SEC 2 1. MS-Excel and Tally ERP 9.0 2. Personal Selling and Salesmanship	SEC 4 1. Entrepreneurship 2. Negotiation Skills					
<b>VI.</b>	<b>LANGUAGE</b>	1. English - I 2. English - II						4 X 2 = 8
							<b>Total</b>	<b>148</b>

**Bachelor of Commerce (Honours)**  
**Risk Management (CIMA Accredited)**

**Curriculum Matrix**

**Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
1BCOMH1	ENGLISH – I	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
1BCOMH2	MERCANTILE LAW	4	-	-	4	70	30	100
1BCOMH3	FUNDAMENTALS OF FINANCIAL ACCOUNTING	4	-	-	4	70	30	100
1BCOMH4	HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100
1BCOMH5	BUSINESS MATHS	4	-	-	4	70	30	100
1BCOMH6	ORGANIZATIONAL BEHAVIOUR	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BCOMH7	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

## Semester II

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
2BCOMH1	ENGLISH – II	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
2BCOMH2	BUSINESS ECONOMICS	4	-	-	4	70	30	100
2BCOMH3	FUNDAMENTAL OF MANAGEMENT ACCOUNTING	4	-	-	4	70	30	100
2BCOMH4	FUNDAMENTAL OF CORPORATE GOVERNANCE AND ETHICS	4	-	-	4	70	30	100
2BCOMH5	MARKETING MANAGEMENT	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
2BCOMH6	MS-EXCEL AND TALLY ERP 9.0 PERSONAL SELLING AND SALESMANSHIP	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

## Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
3BCOMH1	FINANCIAL REPORTING	4	-	-	4	70	30	100
3BCOMH2	BUSINESS TAXATION	4	-	-	4	70	30	100
3BCOMH3	ORGANISATIONAL MANAGEMENT	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
3BCOMH4	COMPANY LAW AND SECRETARIAL PRACTICE / GANDHIAN THOUGHTS AND LITERARY RESPONSE/ LANGUAGE (ENGLISH/HINDI/SANSKRIT/ KANNADA/SPANISH)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
3BCOMH5	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
3BCOMH6	E-COMMERCE / STOCK MARKET OPERATIONS	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
4BCOMH1	MANAGEMENT ACCOUNTING	4	-	-	4	70	30	100
4BCOMH2	PROJECT AND RELATIONSHIP MANAGEMENT	4	-	-	4	70	30	100
4BCOMH3	PRINCIPLES OF AUDITING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BCOMH4	JOURNALISM/ OPERATIONS MANAGEMENT/ LANGUAGE (ENGLISH/HINDI/ SANSKRIT/ KANNADA/ GERMAN)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BCOMH5	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BCOMH6	ENTREPRENEURSHIP / NEGOTIATION SKILLS	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
5BCOMH1	ADVANCED MANAGEMENT ACCOUNTING	4	-	-	4	70	30	100
5BCOMH2	ADVANCED FINANCIAL REPORTING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
5BCOMH3	BANKING THEORY & PRACTICE/ GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BCOMH4	DSE 1	4	-	-	4	70	30	100
5BCOMH5	DSE 2	4	-	-	4	70	30	100
5BCOMH6	DSE 3	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>	-	-	<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
6BCOMH1	RISK MANAGEMENT	4	-	-	4	70	30	100
6BCOMH2	STRATEGIC MANAGEMENT	4	-	-	4	70	30	100
6BCOMH3	FINANCIAL STRATEGY	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BCOMH4	DSE 4	4	-	-	4	70	30	100
6BCOMH5	DSE 5	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
6BCOMH6	INTERNATIONAL BUSINESS / PSYCHOLOGY	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>24</b>	<b>420</b>	<b>180</b>
								<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Total Credits: 148**

**Total Marks : 3600**

ELECTIVE	CORPORATE ACCOUNTING	CORPORATE FINANCE
DSE 1	ADVANCED CORPORATE ACCOUNTING -I	EQUITY INVESTMENTS
DSE 2	SECURITIES LAWS AND COMPLIANCES	FIXED INCOME SECURITIES
DSE 3	INFORMATION SYSTEM AND CONTROL AUDIT	DERIVATIVE MARKETS
DSE 4	ADVANCED CORPORATE ACCOUNTING -II	FINANCIAL PLANNING AND WEALTH MANAGEMENT
DSE 5	CORPORATE TAXATION	INTERNATIONAL FINANCE



**Bachelor of Commerce (Honours)**  
**Global Accounting Practices (AIA Accredited)**



**Bachelor of Commerce (Honours)**  
**Global Accounting Practices (AIA Accredited)**

**CBCS Structure**

Sl. No.	CONTENT	Subjects															Credits
I.	<b>CORE COURSES</b>															20X 4 = 80	
	1. Accounting – I (GAP) 2. Mercantile Law 3. Human Resource Management 4. Business Economics (GAP) 5. Management Accounting – I (GAP) 6. Introduction to Audit (GAP) 7. Introduction to Taxation (GAP) 8. Information Processing (GAP) 9. Business Management (GAP)																
II.	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>															4 X 5 = 20	
	1. Advanced Corporate Accounting –I 2. Securities Laws and Compliances 3. Information system and Control Audit 4. Advanced Corporate Accounting –II 5. Corporate taxation																
III.	<b>GENERIC ELECTIVE</b>															4 X 4 = 16	
	GE 1      1. Company Law and Secretarial Practice 2. Gandhian Thoughts and Literary Responses 3. Language (English/Hindi/Sanskrit/ Kannada/Spanish)																
	GE 2      1. Journalism 2. Operations Management 3. Language (English/Hindi/Sanskrit/ Kannada/German)																

IV.	<b>ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)</b>	1. Communicative English 2. Environmental Science					$4 \times 2 = 8$
V.	<b>SKILL ENHANCEMENT COURSES (SEC)</b>	SEC 1 1. Mind Management and Human Values (Compulsory)	SEC 2 1. MS-Excel and Tally ERP 9.0 2. Personal Selling and Salesmanship	SEC 3 1. E-Commerce 2. Stock Market Operations	SEC 4 1. Entrepreneurship 2. Negotiation Skills		
VI.	<b>LANGUAGE</b>	1. English - I 2. English - II					$4 \times 2 = 8$
						<b>Total</b>	<b>148</b>

**Bachelor of Commerce (Honours)**  
**Global Accounting Practices (AIA Accredited)**

**Curriculum Matrix**

**Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
1BCOMH1	ENGLISH – I	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
1BCOMH2	BUSINESS LAW	4	-	-	4	70	30	100
1BCOMH3	ACCOUNTING – I	4	-	-	4	70	30	100
1BCOMH4	HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100
1BCOMH5	BUSINESS ECONOMICS	4	-	-	4	70	30	100
1BCOMH6	MANAGEMENT ACCOUNTING –I	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BCOMH7	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

## Semester II

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
2BCOMH1	ENGLISH – II	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
2BCOMH2	INFORMATION PROCESSING	4	-	-	4	70	30	100
2BCOMH3	INTRODUCTION TO AUDIT	4	-	-	4	70	30	100
2BCOMH4	INTRODUCTION TO TAXATION	4	-	-	4	70	30	100
2BCOMH5	BUSINESS MANAGEMENT	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
2BCOMH6	MS-EXCEL AND TALLY ERP 9.0 PERSONAL SELLING AND SALESMANSHIP	4	-	-	4	70	30	100
	<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

## Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
3BCOMH1	ACCOUNTING – II	4	-	-	4	70	30	100
3BCOMH2	MANAGEMENT ACCOUNTING-II	4	-	-	4	70	30	100
3BCOMH3	INTERNATIONAL FINANCIAL REPORTING STANDARDS	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
3BCOMH4	COMPANY LAW & SECRETARIAL PRACTICE /GANDIAN THOUGHTS AND LITERARY RESPONSES / LANGUAGE (ENGLISH/HINDI/ SANSKRIT/ KANNADA/SPANISH)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
3BCOMH5	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
3BCOMH6	E-COMMERCE STOCK MARKET OPERATIONS	4	-	-	4	70	30	100
	<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>CORE COURSES</b>									
4BCOMH1	AUDIT	4	-	-	4	70	30	100	
4BCOMH2	FINANCIAL MANAGEMENT	4	-	-	4	70	30	100	
4BCOMH3	MANAGEMENT INFORMATION SYSTEM	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
4BCOMH4	JOURNALISM/OPERATIONS MANAGEMENT/ LANGUAGE (ENGLISH/HINDI/SANSKRIT/ KANNADA/GERMAN)	4	-	-	4	70	30	100	
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>									
4BCOMH5	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100	
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
4BCOMH6	ENTREPRENEURSHIP/ NEGOTIATION SKILLS	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>CORE COURSES</b>									
5BCOMH1	ACCOUNTING-III	4	-	-	4	70	30	100	
5BCOMH2	AUDIT AND ASSURANCE	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
5BCOMH3	BANKING THEORY & PRACTICE GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100	
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>									
5BCOMH4	DSE 1	4	-	-	4	70	30	100	
5BCOMH5	DSE 2	4	-	-	4	70	30	100	
5BCOMH6	DSE 3	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
6BCOMH1	ADVANCE TAXATION	4	-	-	4	70	30	100
6BCOMH2	INFORMATION TECHNOLOGY AND STRATEGIC MANAGEMENT	4	-	-	4	70	30	100
6BCOMH3	ETHICS AND COMMUNICATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BCOMH4	DSE 4	4	-	-	4	70	30	100
6BCOMH5	DSE 5	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
6BCOMH6	INTERNAIONAL BUSINESS/ PSYCHOLOGY	4	-	-	4	70	30	100
		Total	24	-	-	24	420	180
								600

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Total Credits: 148**

**Total Marks : 3600**

ELECTIVE	CORPORATE ACCOUNTING	CORPORATE FINANCE
DSE 1	ADVANCED CORPORATE ACCOUNTING -I	EQUITY INVESTMENTS
DSE 2	SECURITIES LAWS AND COMPLIANCES	FIXED INCOME SECURITIES
DSE 3	INFORMATION SYSTEM AND CONTROL AUDIT	DERIVATIVE MARKETS
DSE 4	ADVANCED CORPORATE ACCOUNTING -II	FINANCIAL PLANNING AND WEALTH MANAGEMENT
DSE 5	CORPORATE TAXATION	INTERNATIONAL FINANCE



**Bachelor of Commerce (Honours)**  
**(With Specialization in “Accounting” / “Finance”)**



# Bachelor of Commerce (Honours)

## (With Specialization in “Accounting” / “Finance”)

### CBCS Structure

Sl. No.	CONTENT	Subjects	Credits
I.	<b>CORE COURSES</b> <ul style="list-style-type: none"> <li>1. Strategic Planning &amp; Performance</li> <li>2. Financial Accounting - I</li> <li>3. Quantitative Methods - I</li> <li>4. Financial Control</li> <li>5. Organizational Behaviour &amp; Human Resource Management</li> <li>6. Financial Reporting</li> <li>7. Financial Accounting - II</li> <li>8. Quantitative Methods - II</li> <li>9. Financial Decision Making - I</li> </ul>	<ul style="list-style-type: none"> <li>10. Corporate Accounting - I</li> <li>11. Business Management</li> <li>12. Financial Decision Making - II</li> <li>13. Corporate Accounting - II</li> <li>14. Business Economics</li> <li>15. Principles of Auditing</li> </ul>	20 X 4 = 80
II.	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b> <ul style="list-style-type: none"> <li>1. Advanced Corporate Accounting -I</li> <li>2. Securities Laws and Compliances</li> <li>3. Information system and Control Audit</li> <li>4. Advanced Corporate Accounting -II</li> <li>5. Corporate taxation</li> </ul>	<b>Corporate Accounting</b> <ul style="list-style-type: none"> <li>1. Equity Investments</li> <li>2. Fixed Income Securities</li> <li>3. Derivative Markets</li> <li>4. Financial Planning and Wealth Management</li> <li>5. International Finance</li> </ul>	5 X 4 = 20

<b>III. GENERIC ELECTIVE (GE)</b>	GE 1	1. Company Law and Secretarial Practice 2. Gandhian Thoughts and Literary Responses 3. Language (English/Hindi/Sanskrit/ Kannada/Spanish)	GE 3	1. Banking Theory and Practice 2. Geo – Politics and Globalization	4 X 4 = 16
	GE 2	1. Journalism 2. Operations Management 3. Language (English/Hindi/Sanskrit/ Kannada/German)	GE 4	1. International Business 2. Psychology	
<b>IV. ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)</b>	1. Communicative English 2. Environmental Science				4 X 2 = 8
<b>V. SKILL ENHAN- CEMENT COURSES (SEC)</b>	SEC 1	1. Mind Management and Human Values (Compulsory)	SEC 3	1. E-Commerce 2. Stock Market Operations	
	SEC 2	1. MS-Excel and Tally ERP 9.0 2. Personal Selling and Salesmanship	SEC 4	1. Entrepreneurship 2. Negotiation Skills	
<b>VI. LANGUAGE</b>	1. English – I 2. English – II			4 X 2 = 8	
			<b>Total</b>	<b>148</b>	

## **Bachelor of Commerce (Honours)**

**(With Specialization in “Accounting” / “Finance”)**

### **CBCS Structure**

#### **Semester I**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>LANGUAGES</b>								
1BCOMH1	ENGLISH – I	4	-	-	4	70	30	100
<b>CORE COURSES</b>								
1BCOMH2	STRATEGIC PLANNING AND PERFORMANCE	4	-	-	4	70	30	100
1BCOMH3	FINANCIAL ACCOUNTING – I	4	-	-	4	70	30	100
1BCOMH4	QUANTITATIVE METHODS – I	4	-	-	4	70	30	100
1BCOMH5	FINANCIAL CONTROL	4	-	-	4	70	30	100
1BCOMH6	ORGANIZATIONAL BEHAVIOUR & HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BCOMH7	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

## Semester II

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>LANGUAGES</b>									
2BCOMH1	ENGLISH - II	4	-	-	4	70	30	100	
<b>CORE COURSES</b>									
2BCOMH2	FINANCIAL REPORTING	4	-	-	4	70	30	100	
2BCOMH3	FINANCIAL ACCOUNTING - II	4	-	-	4	70	30	100	
2BCOMH4	QUANTITATIVE METHODS - II	4	-	-	4	70	30	100	
2BCOMH5	FINANCIAL DECISION MAKING-I	4	-	-	4	70	30	100	
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
2BCOMH6	MS-EXCEL AND TALLY ERP 9.0/ PERSONAL SELLING AND SALESMANSHIP	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

## Semester III

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks			
		L	T	P		UE	IA	Total	
<b>CORE COURSES</b>									
3BCOMH1	CORPORATE ACCOUNTING - I	4	-	-	4	70	30	100	
3BCOMH2	FINANCIAL DECISION MAKING-II	4	-	-	4	70	30	100	
3BCOMH3	BUSINESS MANAGEMENT	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
3BCOMH4	COMPANY LAW & SECRETARIAL PRACTICE / GANDHIAN THOUGHTS AND LITERARY RESPONSES / LANGUAGE (ENGLISH/HINDI/SANSKRIT/ KANNADA/SPANISH)	4	-	-	4	70	30	100	
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>									
3BCOMH5	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100	
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
3BCOMH6	E-COMMERCE STOCK MARKET OPERATIONS	4	-	-	4	70	30	100	
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester IV**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
4BCOMH1	CORPORATE ACCOUNTING – II	4	-	-	4	70	30	100
4BCOMH2	BUSINESS ECONOMICS	4	-	-	4	70	30	100
4BCOMH3	PRINCIPLES OF AUDITING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BCOMH4	JOURNALISM /OPERATIONS MANAGEMENT/ LANGUAGE (ENGLISH/HINDI/SANSKRIT/ KANNADA/GERMAN)	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BCOMH5	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BCOMH6	ENTREPRENEURSHIP / NEGOTIATION SKILLS	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
5BCOMH1	INCOME TAX- I	4	-	-	4	70	30	100
5BCOMH2	STRATEGIC MANAGEMENT	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
5BCOMH3	BANKING THEORY & PRACTICE/ GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BCOMH4	DSE 1	4	-	-	4	70	30	100
5BCOMH5	DSE 2	4	-	-	4	70	30	100
5BCOMH6	DSE 3	4	-	-	4	70	30	100
<b>Total</b>		<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

Semester VI

Paper No.	Title of the Paper	Hrs/wk			Credits	Total Marks		
		L	T	P		UE	IA	Total
<b>CORE COURSES</b>								
6BCOMH1	INCOME TAX- II	4	-	-	4	70	30	100
6BCOMH2	BUSINESS LAW	4	-	-	4	70	30	100
6BCOMH3	GOVERNANCE AND BUSINESS ETHICS	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
6BCOMH4	INTERNATIONAL BUSINESS / PSYCHOLOGY	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BCOMH5	DSE 4	4	-	-	4	70	30	100
6BCOMH5	DSE 5	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>
<b>L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment</b>								

**Total Credits: 148**

**Total Marks : 3600**

ELECTIVE	ACCOUNTING	FINANCE
DSE 1	ADVANCED CORPORATE ACCOUNTING -I	EQUITY INVESTMENTS
DSE 2	SECURITIES LAWS AND COMPLIANCES	FIXED INCOME SECURITIES
DSE 3	INFORMATION SYSTEM AND CONTROL AUDIT	DERIVATIVE MARKETS
DSE 4	ADVANCED CORPORATE ACCOUNTING -II	FINANCIAL PLANNING AND WEALTH MANAGEMENT
DSE 5	CORPORATE TAXATION	INTERNATIONAL FINANCE



## Bachelor of Business Administration



## Bachelor of Business Administration

### CBCS Structure

Semester	I SEM	II SEM	III SEM	IV SEM	V SEM	VI SEM	Total Credits
LANGUAGE	Language	Language					
ENGLISH	English - I	English - II					4 X 4 = 16
CORE COURSE	I	II	III	IV	V	VI	Total
	<ul style="list-style-type: none"> <li>• Business Mgt.,</li> <li>• Business Trends,</li> <li>• Quantitative Techniques-I,</li> <li>• Financial Accounting</li> </ul>	<ul style="list-style-type: none"> <li>• Business Economics,</li> <li>• Cost Ac counting,</li> <li>• Quantitative Techniques-II,</li> </ul>	<ul style="list-style-type: none"> <li>• Marketing Mgt.,</li> <li>• Human Resource Mgmt,</li> <li>• Intreprenurship Development,</li> <li>• Corporate Accounting,</li> </ul>	<ul style="list-style-type: none"> <li>• Org. Psychology,</li> <li>• Business Law,</li> <li>• Production &amp; Operations Mgmt,</li> <li>• Business Finance,</li> </ul>	<ul style="list-style-type: none"> <li>• International -Business,</li> <li>• Income Tax, Management Accounting,</li> </ul>	<ul style="list-style-type: none"> <li>• Corporate-Governance, MIS,</li> </ul>	$8 \times 3 = 24$ $12 \times 4 = 48$ Core Total 72
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)				AEC - I (EVS)	AEC - II (Communication English)		$2 \times 4 = 8$
SKILL ENHANCEMENT COURSES (SEC)		SEC - I (MM & HV)	SEC - II	SEC - III		SEC - IV	$4 \times 4 = 16$
DISCIPLINE SPECIFIC ELECTIVES (DSE)					<ul style="list-style-type: none"> <li>Elective -I</li> <li>Elective -II</li> <li>Elective -III (Fin, Mktg, ED &amp; HR)</li> </ul>	<ul style="list-style-type: none"> <li>Elective -IV</li> <li>Elective -V</li> <li>Elective -VI (Project) (Fin, Mktg, ED &amp; HR)</li> </ul>	$5 \times 4 = 20$
GENERAL ELECTIVE (GE)			GEC - I	GEC - II	GEC - III	GEC - IV	$4 \times 4 = 16$
Paper	6	6	7	7	7	7	Total Credits 148

## **DISCIPLINE SPECIFIC ELECTIVES (DSE): (5 X 4 = 20 CREDITS)**

### **ELECTIVE – I**

- |  | <b>SPECIALISATION</b> |
|--|-----------------------|
| 1. FINANCIAL MARKETS & SERVICES            | (FINANCE)             |
| 2. CONSUMER BEHAVIOUR                      | (MARKETING)           |
| 3. ENTREPRENEURSHIP & BUSINESS OPPORTUNITY | (ENTREPRENEURSHIP)    |
| 4. HUMAN RESOURCE DEVELOPMENT              | (HUMAN RESOURCE)      |

### **ELECTIVE – II**

1. INTERNATIONAL FINANCE
2. MARKETING IN PRACTICE
3. ENTREPRENEURIAL START-UP
4. INTERNATIONAL HRM

### **ELECTIVE – III**

1. ADVANCED ACCOUNTING
2. RETAIL MARKETING
3. LEADERSHIP FOR ENTREPRENEURS
4. CONTEMPORARY HRM

### **ELECTIVE – IV**

1. SECURITY ANALYSIS & PORTFOLIO MANAGEMENT
2. ADVERTISING & MEDIA MANAGEMENT
3. FINANCE FOR ENTREPRENEURSHIP
4. LABOUR LAWS

### **ELECTIVE – V**

1. FINANCIAL ANALYSIS & PLANNING
2. DIGITAL MARKETING
3. MARKETING FOR ENTREPRENEURSHIP
4. COMPENSATION MANAGEMENT

### **ELECTIVE – VI**

**PROJECT REPORT & VIVA (BASED ON THE SPECIALIZATION)**

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**GENERIC ELECTIVE (GE): (4 X 4 = 16 CREDITS)**

- I. PSYCHOLOGY
- II. JOURNALISM
- III. PUBLIC RELATIONS
- IV. E-COMMERCE
- V. CONFLICT MANAGEMENT
- VI. BOCA (BASICS)
- VII. BUSINESS ANALYTICS
- VIII. CONTEMPORARY POLITICS IN INDIA

**ABILITY ENHANCEMENT COMPULSORY COURSE (AECC): (2 X 4 = 8 CREDITS)**

- I. ENVIRONMENTAL SCIENCE
- II. COMMUNICATIVE ENGLISH

**SKILL ENHANCEMENT COURSE (SEC): (4 X 4 = 16 CREDITS)**

- i. MIND MANAGEMENT AND HUMAN VALUES
- ii. SPANISH / FRENCH (FOREIGN LANGUAGE)
- iii. RESEARCH METHODOLOGY
- iv. CASE ANALYSIS
- v. ENTERPRISE MANAGEMENT
- vi. EVENT MANAGEMENT

## **Bachelor of Business Administration**

### **Curriculum Matrix**

#### **Semester I**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	Language (Kan/ Hin / San / Add. Eng)	4	4	70	30	100
2	English	4	4	70	30	100
3	Business Management	3	3	70	30	100
4	Business Trends	3	3	70	30	100
5	Quantitative Techniques– I	4	4	70	30	100
6	Financial Accounting	4	4	70	30	100
<b>Total</b>		<b>22</b>	<b>22</b>	<b>420</b>	<b>180</b>	<b>600</b>

#### **Semester II**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	Language (Kan/ Hin / San / Add. Eng)	4	4	70	30	100
2	English	4	4	70	30	100
3	Business Economics	3	3	70	30	100
4	Cost Accounting	4	4	70	30	100
5	Quantitative Techniques– II	4	4	70	30	100
<b>Total</b>		<b>19</b>	<b>19</b>	<b>350</b>	<b>150</b>	<b>500</b>
6	Mind Management and Human Values (SEC I)	4	4	70	30	100

#### **Semester III**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	Marketing Management	3	3	70	30	100
2	Human Resource Management	3	3	70	30	100
3	Entrepreneurship Development	4	4	70	30	100
4	Corporate Accounting	4	4	70	30	100
5	Environmental Science (AECC I)	4	4	70	30	100
6	<b>SEC II</b>	4	4	70	30	100
7	<b>GE I</b>	4	4	70	30	100
<b>Total</b>		<b>26</b>	<b>26</b>	<b>490</b>	<b>210</b>	<b>700</b>

**Semester IV**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	Organisational Psychology	3	3	70	30	100
2	Business Law	3	3	70	30	100
3	Production & Operation Management	4	4	70	30	100
4	Business Finance	4	4	70	30	100
5	Communicative English (AECC II)	4	4	70	30	100
6	<b>SEC III</b>	4	4	70	30	100
7	<b>GE II</b>	4	4	70	30	100
<b>Total</b>		<b>26</b>	<b>26</b>	<b>490</b>	<b>210</b>	<b>700</b>

**Semester V**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	International Business	3	3	70	30	100
2	Income Tax	4	4	70	30	100
3	Management Accounting	4	4	70	30	100
4	<b>GE III</b>	4	4	70	30	100
<b>Discipline Specific Elective (DSE)</b>						
5	Elective I	4	4	70	30	100
6	Elective II	4	4	70	30	100
7	Elective III	4	4	70	30	100
<b>Total</b>		<b>27</b>	<b>27</b>	<b>490</b>	<b>210</b>	<b>700</b>

**Semester VI**

Subject Code	Title of the Paper	Lecture Hours/week	Credits	Total Marks		
				UE	CIA	Total
1	Corporate Governance	4	4	70	30	100
2	Management Information System	4	4	70	30	100
3	<b>SEC IV</b>	4	4	70	30	100
4	<b>GE IV</b>	4	4	70	30	100
<b>Discipline Specific Elective (DSE)</b>						
5	Elective I	4	4	70	30	100
6	Elective V Or Elective VI : Project	4	4	70	30	100
<b>Total</b>		<b>24</b>	<b>24</b>	<b>420</b>	<b>180</b>	<b>600</b>

**Total Credits : 148**
**Total Marks : 3800**

## ELECTIVE PAPERS

### 5 BBA 5 E1 : ELECTIVE – I

- 5 BBA 5E 1.1 Financial Markets & Services
- 5 BBA 5E 1.2 Consumer Behaviour
- 5 BBA 5E 1.3 Entrepreneurship & Business Opportunity
- 5 BBA 5E 1.4 Human Resource Development

### 5 BBA 6 E2 : ELECTIVE – II

- 5 BBA 6E 2.1 International Finance
- 5 BBA 6E 2.2 Marketing in Practice
- 5 BBA 6E 2.3 Entrepreneurial Start-up
- 5 BBA 6E 2.4 International HRM

### 5 BBA 7 E3 : ELECTIVE – III

- 5 BBA 7E 3.1 Advanced Accounting
- 5 BBA 7E 3.2 Retail Marketing
- 5 BBA 7E 3.3 Leadership for Entrepreneurs
- 5 BBA 7E 3.4 Contemporary HRM

### 6 BBA 5 E4 : ELECTIVE – IV

- 6 BBA 5E 4.1 Security Analysis & Portfolio Management
- 6 BBA 5E 4.2 Advertising & Media Management
- 6 BBA 5E 4.3 Finance for Entrepreneurship
- 6 BBA 5E 4.4 Labour Laws

### 6 BBA 6 E5 : ELECTIVE – V

- 6 BBA 6E 5.1 Financial Analysis & Planning
- 6 BBA 6E 5.2 Digital Marketing
- 6 BBA 6E 5.3 Marketing for Entrepreneurship
- 6 BBA 6E 5.4 Compensation Management

### 6BBA7E6: ELECTIVE – VI

Project report and Viva voce(Based on the specialization)



## **Bachelor of Management Studies**

- [i] International Business**
- [ii] Financial Service**



## Bachelor of Management Studies

- [i] International Business
- [ii] Financial Service

### CBCS Structure

Sl. No.	Particulars	Subjects		Credits
I.	<b>Core Courses</b> <ul style="list-style-type: none"> <li>1. Accounting -I</li> <li>2. Organisational Behavior</li> <li>3. Accounting-II</li> <li>4. Marketing Management</li> <li>5. Human Resource Management</li> <li>6. Cost Accounting</li> </ul>	<ul style="list-style-type: none"> <li>7. Enterprise Resource Planning</li> <li>8. Business Law</li> <li>9. Services Marketing</li> <li>10. Financial Management</li> <li>11. Business Research Methods</li> <li>12. Fundamental of Business Taxation</li> </ul>	<ul style="list-style-type: none"> <li>13. Business Ethics and Values</li> <li>14. Project Management</li> <li>15. Fundamentals of Strategy</li> <li>16. Business Negotiation</li> <li>17. Team Work and Leadership</li> <li>18. International Financial Management</li> </ul>	18 x 4 = 72
II.	<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b> <ul style="list-style-type: none"> <li>1. International Business Environment</li> <li>2. International Marketing</li> <li>3. Fundamentals of Foreign Trade</li> <li>4. EXIM Procedures and Documentation / Project</li> <li>5. Global Logistics and Supply Chain / Project</li> </ul>	IB	FS	5 X 4 =20

III.	<b>GENERIC ELECTIVE (GE)</b>	GE 1 GE 2	1. Managerial Economics 2. New Media 1. Applied Macro Economics 2. E.Commerce	GE 3 GE 4	1. Quantitative Techniques 2. Geo-Politics and Globalization 1. Consumer Psychology 2. Cross- Cultural Studies		4 X 4 =16
IV.	<b>Ability Enhancement Compulsory Courses (AECC)</b>	Environmental Science Communicative English					
V.	<b>Skill Enhancement Courses (SEC)</b>	SEC 1 SEC 2	MMHV Business Application -MS-Excel Persuasion and Salesmanship	SEC 3 SEC 4	Professional Effectiveness Stock Market Operations Entrepreneurship Managerial Effectiveness		4 X 4 =16
VI.	<b>LANGUAGE</b>	1.	English – I 2. English – II	3. 4.	English - II Language - II		4 X 4 =16

## Bachelor of Management Studies

- [i] International Business  
[ii] Financial Service**

### Curriculum Matrix

#### Semester I

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks			
		L	T	P		UE	IA	TOTAL	
<b>LANGUAGES</b>									
1BMS1	LANGUAGE - I	4	-	-	4	70	30	100	
1BMS2	ENGLISH - I	4	-	-	4	70	30	100	
<b>CORE PAPERS</b>									
1BMS3	ACCOUNTING – I	4	-	-	4	70	30	100	
1BMS4	ORGANISATIONAL BEHAVIOUR	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
1BMS5	MANAGERIAL ECONOMICS/ NEW MEDIA	4	-	-	4	70	30	100	
		Total	20	-	-	20	350	150	500
<b>SKILL ENHANCEMENT COURSE (SEC)</b>									
1BMS6	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100	

#### Semester II

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks			
		L	T	P		UE	IA	TOTAL	
<b>LANGUAGES</b>									
2BMS1	LANGUAGE – II	4	-	-	4	70	30	100	
2BMS2	ENGLISH - II	4	-	-	4	70	30	100	
<b>CORE PAPERS</b>									
2BMS3	ACCOUNTING – II	4	-	-	4	70	30	100	
2BMS4	MARKETING MANAGEMENT	4	-	-	4	70	30	100	
2BMS5	HUMAN RESOURCE MANAGEMENT	4	-	-	4	70	30	100	
<b>GENERIC ELECTIVE (GE)</b>									
2BMS6	APPLIED MACRO ECONOMICS/ E-COMMERCE	4	-	-	4	70	30	100	
		Total	24			24	420	180	600

L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment

### Semester III

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
3BMS1	COST ACCOUNTING	4	-	-	4	70	30	100
3BMS2	ENTERPRISE RESOURCE PLANNING	4	-	-	4	70	30	100
3BMS3	BUSINESS LAW	4	-	-	4	70	30	100
3BMS4	SERVICES MARKETING	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
3BMS5	QUANTITATIVE TECHNIQUES/ GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
3BMS6	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
3BMS7	BUSINESS APPLICATION- MSEXCEL/PERSUASION AND SALESMANSHIP	4	-	-	4	70	30	100
		<b>Total</b>	<b>28</b>		<b>28</b>	<b>490</b>	<b>210</b>	<b>700</b>

### Semester IV

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
4BMS1	FINANCIAL MANAGEMENT	4	-	-	4	70	30	100
4BMS2	BUSINESS RESEARCH METHODS	4	-	-	4	70	30	100
4BMS3	FUNDAMENTAL OF BUSINESS TAXATION	4	-	-	4	70	30	100
4BMS4	BUSINESS ETHICS AND VALUES	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BMS5	CONSUMER PSYCHOLOGY/ CROSS CULTURAL STUDIES	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BMS6	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BMS7	PROFESSIONAL EFFECTIVENESS/ STOCK MARKET OPERATIONS	4	-	-	4	70	30	100
		<b>Total</b>	<b>28</b>		<b>28</b>	<b>490</b>	<b>210</b>	<b>700</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester V**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
5BMS1	PROJECT MANAGEMENT	4	-	-	4	70	30	100
5BMS2	FUNDAMENTALS OF STRATEGY	4	-	-	4	70	30	100
5BMS3	BUSINESS NEGOTIATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BMS4	DSE 1	4	-	-	4	70	30	100
5BMS5	DSE 2	4	-	-	4	70	30	100
5BMS6	DSE 3	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
5BMS7	ENTREPRENEURSHIP/ MANAGERIAL EFFECTIVENESS	4	-	-	4	70	30	100
		<b>Total</b>	<b>28</b>			<b>28</b>	<b>490</b>	<b>210</b>
								<b>700</b>

**Semester VI**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
6BMS1	TEAM WORK AND LEADERSHIP	4	-	-	4	70	30	100
6BMS2	INTERNATIONAL FINANCIAL MANAGEMENT	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BMS3	DSE 4	4	-	-	4	70	30	100
6BMS4	DSE 5	4	-	-	4	70	30	100
		<b>Total</b>	<b>16</b>			<b>16</b>	<b>280</b>	<b>120</b>
								<b>400</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*
**Total Credits: 148**  
**Total Marks : 3600**

ELECTIVE	INTERNATIONAL BUSINESS	FINANCIAL SERVICES
DSE 1	INTERNATIONAL BUSINESS ENVIRONMENT	FUNDAMENTAL ANALYSIS
DSE 2	INTERNATIONAL MARKETING	FINANCIAL PLANNING & WEALTH MANAGEMENT
DSE 3	FUNDAMENTALS OF FOREIGN TRADE	DERIVATIVES AND COMMODITY MARKET
DSE 4	EXIM PROCEDURES AND DOCUMENTATION/ PROJECT	INVESTMENT BANKING AND OPERATIONS / PROJECT
DSE 5	GLOBAL LOGISTICS AND SUPPLY CHAIN/ PROJECT	INSURANCE AND RISK MANAGEMENT/ PROJECT





**Bachelor of Management Studies**  
**Toursim And Hospitality Management**



## Bachelor of Management Studies

### Tourism And Hospitality Management

#### CBCS Structure

Sl. No.	Particulars	Subjects	Credits
I.	<b>Core Courses</b> <ul style="list-style-type: none"> <li>1. Accounting</li> <li>2. Organisational Behaviour</li> <li>3. Introduction to Hospitality</li> <li>4. Introduction to Travel &amp; Tourism</li> <li>5. Marketing Innovations - T&amp;H</li> <li>6. Front Office Management (Th&amp;Prac)</li> </ul>	<ul style="list-style-type: none"> <li>7. Total Quality Management - T&amp;H</li> <li>8. Services Management</li> <li>9. Laws related to T&amp;H</li> <li>10. Business Research Methods</li> <li>11. Safety &amp; Hygiene</li> <li>12. Property Management System</li> </ul>	13. Tourism Resources in India 14. Event Management 15. Tourism Destination Management & Planning 16. Business Ethics and Values 17. International Business 18. Team Work & Leadership
II.	<b>Discipline Specific Electives (DSE)</b> <ul style="list-style-type: none"> <li>1.Food &amp; Beverage I ('Th&amp;Prac)</li> <li>2.Food &amp; Beverage II (Th&amp;Prac)</li> <li>3.Accommodation Operations I ('Th&amp;prac)</li> <li>4.Accommodation Operations II/Project</li> <li>5.Restaurant Management/ Project</li> </ul>	Hospitality	Tourism  1.Tourism Management 2. International Tourism 3. Air Ticketing & Cargo Management 4. Environmental Tourism/ Project 5. Medical & Adventure Tourism/Project

<b>III.</b>	<b>Generic Elective (GE)</b>	<b>GE 1</b>	1. Managerial Economics 2. New Media	<b>GE 3</b>	1. Quantitative Techniques 2. Geo-Politics and Globalization	<b>4 X 4 = 16</b>
		<b>GE 2</b>	1. Applied Macro Economics 2. E.Commerce	<b>GE 4</b>	1. Consumer Psychology 2. Cross- Cultural Studies	
<b>IV.</b>	<b>Ability Enhancement Compulsory Courses (AECC)</b>		Environmental Science Communicative English			
<b>V.</b>	<b>Skill Enhancement Courses (SEC)</b>	<b>SEC 1</b>	MMHV	<b>SEC 3</b>	Professional Effectiveness Stock Market Operations	<b>4 X 4 = 16</b>
		<b>SEC 2</b>	1. Business Application (Hotel Information System) 2. Persuasion & Salesmanship	<b>SEC 4</b>	Entrepreneurship Managerial Effectiveness	
<b>VI.</b>	<b>LANGUAGE</b>	1. English - I 2. Language - I	3. English - II 4. Language - II			<b>4 X 4 = 16</b>

Total Credits: 148

## **Bachelor of Management Studies**

### **Tourism And Hospitality Management**

### **Curriculum Matrix**

#### **Semester I**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>LANGUAGES</b>								
1BMS1	LANGUAGE - I	4	-	-	4	70	30	100
1BMS2	ENGLISH - I	4	-	-	4	70	30	100
<b>CORE PAPERS</b>								
1BMS3	ACCOUNTING – I	4	-	-	4	70	30	100
1BMS4	ORGANISATIONAL BEHAVIOUR	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
1BMS5	MANAGERIAL ECONOMICS/ NEW MEDIA	4	-	-	4	70	30	100
<b>Total</b>		<b>20</b>	-	-	<b>20</b>	<b>350</b>	<b>150</b>	<b>500</b>
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
1BMS6	MIND MANAGEMENT & HUMAN VALUES	4	-	-	4	70	30	100

## Semester II

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>LANGUAGES</b>								
2BMS1	LANGUAGE – II	4	-	-	4	70	30	100
2BMS2	ENGLISH - II	4	-	-	4	70	30	100
<b>CORE PAPERS</b>								
2BMS3	INTRODUCTION TO HOSPITALITY	4	-	-	4	70	30	100
2BMS4	INTRODUCTION TO TRAVEL AND TOURISM	4	-	-	4	70	30	100
2BMS5	MARKETING INNOVATIONS IN T AND H	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
2BMS6	APPLIED MACRO ECONOMICS/ E-COMMERCE	4	-	-	4	70	30	100
		<b>Total</b>	<b>24</b>			<b>24</b>	<b>420</b>	<b>180</b>
								<b>600</b>

## Semester III

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
3BMS1	FRONT OFFICE MANAGEMENT (THORY & PRACTICALS)	4	-	-	4	70	30	100
3BMS2	TOTAL QUALITY MANAGEMENT – T & H	4	-	-	4	70	30	100
3BMS3	SERVICES MARKETING	4	-	-	4	70	30	100
3BMS4	LAWS RELATED TO T & H	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
3BMS5	QUANTITATIVE TECHNIQUES/ GEO-POLITICS AND GLOBALIZATION	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
3BMS6	COMMUNICATIVE ENGLISH	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
3BMS7	BUSINESS APPLICATION (HOTEL INFORMATION SYSTEM)/PERSUASION AND SALESMANSHIP	4	-	-	4	70	30	100
		<b>Total</b>	<b>28</b>			<b>28</b>	<b>490</b>	<b>210</b>
								<b>700</b>

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**Semester IV**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
4BMS1	BUSINESS RESEARCH METHODS	4	-	-	4	70	30	100
4BMS2	SAFETY AND HYGIENE	4	-	-	4	70	30	100
4BMS3	PROPERTY MANAGEMENT SYSTEM	4	-	-	4	70	30	100
4BMS4	TOURISM RESOURCES IN INDIA	4	-	-	4	70	30	100
<b>GENERIC ELECTIVE (GE)</b>								
4BMS5	CONSUMER PSYCHOLOGY/ CROSS CULTURAL STUDIES	4	-	-	4	70	30	100
<b>ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)</b>								
4BMS6	ENVIRONMENTAL SCIENCE	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
4BMS7	PROFESSIONAL EFFECTIVENESS/ STOCK MARKET OPERATIONS	4	-	-	4	70	30	100
<b>Total</b>		<b>28</b>			<b>28</b>	<b>490</b>	<b>210</b>	<b>700</b>

**Semester V**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
5BMS1	EVENT MANAGEMENT	4	-	-	4	70	30	100
5BMS2	TOURISM DESTINATION MANAGEMENT AND PLANNING	4	-	-	4	70	30	100
5BMS3	BUSINESS NEGOTIATION	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
5BMS4	DSE 1	4	-	-	4	70	30	100
5BMS5	DSE 2	4	-	-	4	70	30	100
5BMS6	DSE 3	4	-	-	4	70	30	100
<b>SKILL ENHANCEMENT COURSE (SEC)</b>								
5BMS7	ENTREPRENEURSHIP/ MANAGERIAL EFFECTIVENESS	4	-	-	4	70	30	100
<b>Total</b>		<b>28</b>			<b>28</b>	<b>490</b>	<b>210</b>	<b>700</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Semester VI**

Paper No.	Title of the Paper	Hrs/week			Credits	Total Marks		
		L	T	P		UE	IA	TOTAL
<b>CORE PAPERS</b>								
6BMS1	INTERNATIONAL BUSINESS	4	-	-	4	70	30	100
6BMS2	TEAM WORK AND LEADERSHIP	4	-	-	4	70	30	100
<b>DISCIPLINE SPECIFIC ELECTIVE (DSE)</b>								
6BMS3	DSE 4	4	-	-	4	70	30	100
6BMS4	DSE 5	4	-	-	4	70	30	100
		<b>Total</b>	<b>16</b>	-	-	<b>16</b>	<b>280</b>	<b>120</b>
								<b>400</b>

*L - Lecture; T - Tutorial; P - Practical; UE - University Examination; IA - Internal Assessment*

**Total Credits: 148**  
**Total Marks : 3600**

ELECTIVE	INTERNATIONAL BUSINESS	FINANCIAL SERVICES
DSE 1	TOURISM MANAGEMENT	FOOD & BEVERAGE I (TH & PRAC)
DSE 2	INTERNATIONAL TOURISM	FOOD & BEVERAGE II (TH & PRAC)
DSE 3	AIR TICKETING & CARGO MANAGEMENT	ACCOMMODATION OPERATIONS I (TH & PRAC)
DSE 4	ENVIRONMENTAL TOURISM/ PROJECT	ACCOMMODATION OPERATIONS II/PROJECT
DSE 5	MEDICAL & ADVENTURE TOURISM/PROJECT	RESTAURANT MANAGEMENT/ PROJECT