Department of Commerce

B.Com (Honours) Computer Application

CBCS CURRICULUM (2021 -22)

(Regulation – E)

VISION AND MISSION OF THE UNIVERSITY

VISION

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.
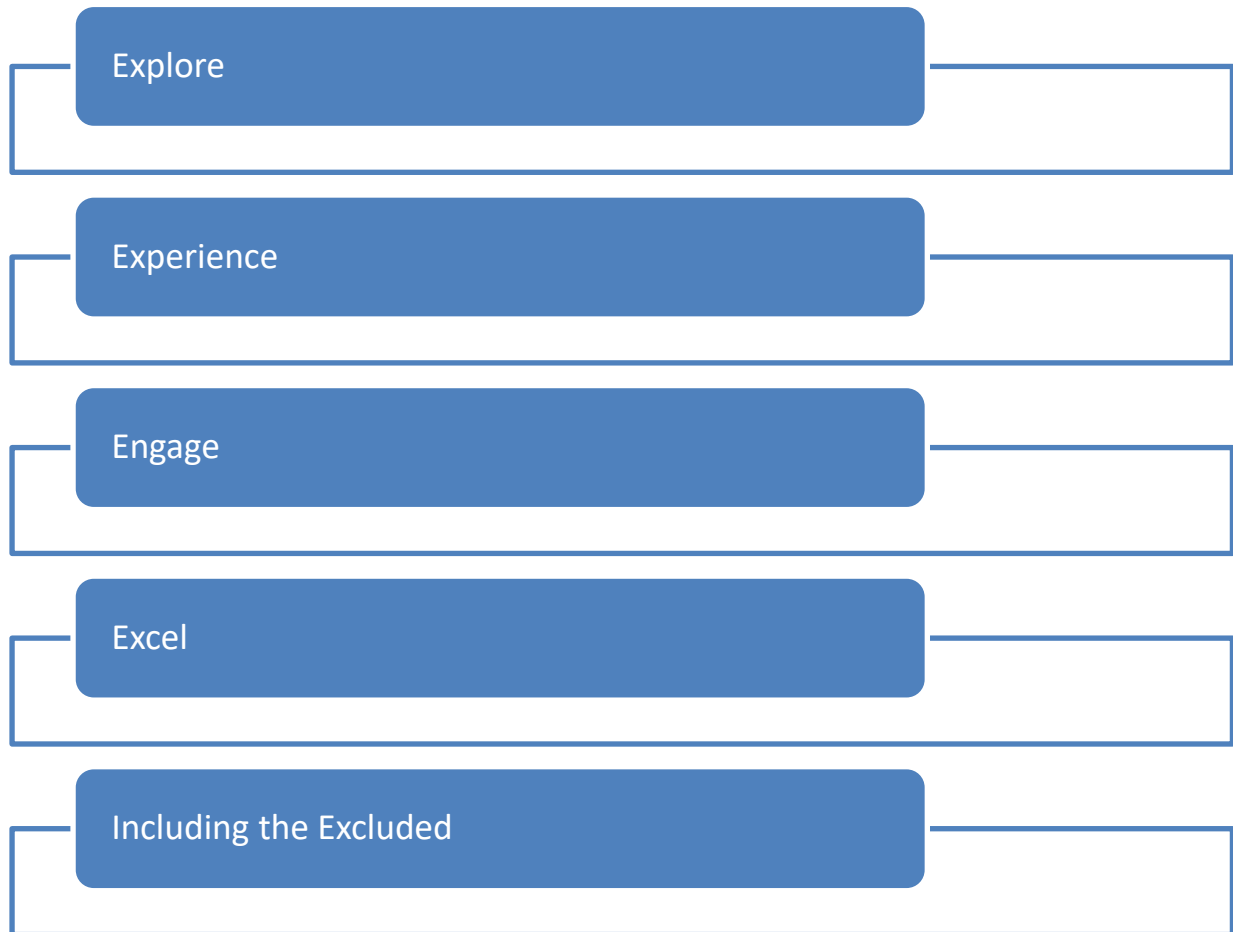
MISSION

AMET will strive continuously to:

- Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.

- Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.

- Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.

- Nurture talent and entrepreneurship and enable all round personality development in students.

- Empower students from across socio economic strata.

- Make a positive difference to society through technical education.

VISION AND MISSION OF DEPARTMENT OF COMMERCE

VISION:

Explore

Experience

Engage

Excel

Including the Excluded

MISSION :

- To fully experience the academic opportunity

- To know the importance of academic curriculum offered by the university,

- To explore the educational requirement , educational goals , summer opportunities, career aspirations and extra curricularactvities.

- To link the students and the global resources.

ALIGNING THE DEPARTMENT VISION AND MISSION WITH THE UNIVERSITY VISION AND MISSION

Vision / Mission	AMET (Deemed to be University)	Department of Commerce
Vision	To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.	EXLORE EXPERIENCE ENGAGE EXCEL AND INCLUDING THE EXCLUDED
Mission-1	Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.	To impart value based and employment based talent in the field of Finance, Marketing and International Trade to satisfy the industry needs globally
Mission-2	Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.	To inculcate practical skillin the area of recent technologies in par with global standard
Mission-3	Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.	To Encourage students to explore beyond classroom teaching and encouraging research culture among studentsthem job giver and not job seeker.
Mission-4	Nurture talent and entrepreneurship and enable all round personality development in students.	To make the students more responsible and successful entrepreneur to face the global competition.
Mission-5	Empower students from across socio economic strata.	To provide education and employability skill to all the socially weaker and backward students in the country.
Mission-6	Make a positive difference to society through technical education.	To make our students a positive role model to the society through education

Program : B.Com (Honours) Computer Application

Program Educational Objectives (PEO's)

The program educational Objective of the Bachelor of Commerce (Honours) Computer Application is to facilitate the students to:

1. Become successful Graduates who are competent, innovative and productive in addressing the needs of the Industry, and pursue higher education and research.
2. Grow professionally with their knowledge and proficient skills throughout their career.
3. Demonstrate high standard of ethical conduct, positive attitude and societal responsibilities.

Program Objectives (PO's)

POs	Description
PO1	**Critical Thinking:** Understanding the concepts of Finance, Marketing, International Trade and Computer Application, infer the advantages of these concepts through critical thinking
PO2	**Effective Communication:** To express their views through effective communication and gain the ability to connect to people
PO3	**Apply Reasoning:** Apply the reasoning power gained through contextual knowledge to asses societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development
PO4	**Professional Ethics:** Understand the impact of the professional ethics and responsibilities and norms of the business practices and apply ethical principles in business and life
PO5	**Environment and Sustailability:** Apply the knowledge through sustainable development in any environment
PO6	**Effective functioning:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary setting
PO7	**Life Long Learning Self Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of environmental change.

Program Specific Objectives (PSOs)

PSOs	Description
PSO1	Understand the concepts of Accounting, Finance, Marketing, International Trade and AdvancedComputer Applications
PSO2	Analyse Marketing and financial concepts
PSO3	Determine the scope of employment in finance, Marketing and Advanced Computer application
PSO4	Apply the concepts of Accounting, Finance, Marketing, International Trade and AdvancedComputer Applications

Mapping of PEOs with POs

S.No	Program Educational Objectives	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4
1.	Become successful Graduates who are competent, innovative and productive in addressing the needs of the Industry, or pursue higher education and research.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.	Grow professionally with their knowledge and proficient skills throughout their career.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
3.	Demonstrate high standard of ethical conduct, positive attitude and societal responsibilities.			✔	✔		✔	✔	✔	✔	✔	✔	✔

Semester-wise Credits for B.Com(Honours) Computer ApplicationCourse

Semester	Credits
I	22
II	26
III	27
IV	29
V	30
VI	23
TOTAL	**157**

B.Com (Honours) Computer Application
Semester - I

S.No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH101	Principles and Practice Of Accounting - I	Professional Core 1	5	4	1	0	4
2.	UEBH102	Business Management	Professional Core 2	4	4	0	0	4
3.	UEBH103	Dvelopment Economics	Professional Core 3	4	3	0	0	3
4.	UEBH104	Introduction to Information Technology (Theory)	Professional Core 4	4	3	1	0	3
5.	UEBH1PA	Interduction to Information Technology (Lab)	Professional Lab Core 1	2	0	0	2	1
6.	UEBH105	Business Mathematics	Basic Science Course	5	4	1	0	4
7.	UEBH106	Business English - 1	Humanities and Social Science including Management Courses	2	2	0	0	2
8.	UELECPA	Communication Skills Laboratory-I	Humanities and Social Science including Management Courses	2	0	0	2	1
9.	UEMDC01	Universal Human Values I – Induction Program	Mandatory Course	3 Weeks	0	0	0	0
		TOTAL		**30**				**22**

L – Lecture
T – Tutorial
P – Practical / Laboratory
C - Credit
DE – Department Elective
OE – Open Elective (Open Electives are offered by Other Departments)

B.Com (Honours) Computer Application
Semester: II

S. No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH201	Principles and Practice Of Accounting - II	Professional Core 5	5	4	1	0	4
2.	UEBH202	Introduction to Logistics	Professional Core 6	4	4	0	0	4
3.	UEBH203	Principles of Marketing	Professional Core 7	4	3	1	0	3
4.	UEBH204	Elements of Information System	Professional Core 8	4	4	1	0	4
5.	UEBH205	Introduction to Programming (Theory)	Professional Core 9	4	3	1	0	3
6.	UEBH2PA	Introduction to Programming (Lab)	Professional Lab Core 2	2	0	0	2	1
7.	UEBH206	Business Statistics	Basic Science Course	5	4	1	0	4
8.	UEBH207	Business English - 2	Humanities and Social Science including Management Courses	2	2	0	0	2
9.	UELECPB	Communication Skills Laboratory- II	Humanities and Social Science including Management Courses	2	0	0	2	1
10.	UEMDC03	Gender Sensitivity	Mandatory Course	2	2	0	0	0
		TOTAL		**34**				**26**

B.Com (Honours) Computer Application
Semester: III

S. No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH301	Patnership and Company Accounts	Professional Core 10	5	4	1	0	4
2.	UEBH302	Banking & Financial System	Professional Core 11	3	3	0	0	3
3.	UEBH303	Insurance and Risk Management	Professional Core 12	4	3	1	0	3
4.	UEBH304	Exim Procedure And Forex Management	Professional Core 13	4	4	0	0	4
5.	UEBH304	MercentileLaw	Professional Core 14	4	4	0	0	4
6.	UEBH305	Software Development Process	Professional Core 15	4	4	1	0	4
7.	UEBH306	Database Management System (Theory)	Professional Core 16	4	3	1	0	3
8.	UEBH3PA	Database Management System (Lab)	Professional Lab Core 3	2	0	0	2	1
9.	UELECPC	Interpersonal Communication	Humanities and Social Science including Management Courses	2	0	0	2	1
10.	UEMDC02	Environmental Science	Mandatory Course	2	2	0	0	0
		TOTAL		**34**				**27**

B.Com (Honours) Computer Application
Semester: IV

S. No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH401	Cost and Management Accounting	Professional Core 17	5	4	1	0	4
2.	UEBH402	Financial Management	Professional Core 18	4	4	0	0	4
3.	UEBH403	Company law and Seceraterial Practice	Professional Core 19	3	3	0	0	3
4.	UEBH404	Research Methodology	Professional Core 20	4	3	0	0	3
5.	UEBH405	Fundamental of Artificial Intelligence	Professional Core 21	4	4	1	0	4
6.	UEBH406	Business Accounting Software(Theory)	Professional Core 22	4	3	1	0	3
7.	UEBH4PA	Business Accounting Software (Lab)	Professional Lab Core 4	2	0	0	2	1
8.	UELECPD	Professional Communication	Humanities and Social Science including Management Courses	2	0	0	2	1
9.		Department Elective – 1	Department Elevtive	3	3	0	0	3
10		Open Elective – 1	Open Elective	3	3	0	0	3
		TOTAL		**34**				**29**

B.Com (Honours) Computer Application
Semester: V

S. No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH501	Practical Explorer in Taxation	Professional Core 23	6	2	0	4	4
2.	UEBH502	Entreprenership Development	Professional Core 24	4	3	0	0	3
3.	UEBH503	Auditing and Assurance	Professional Core 25	4	4	0	0	4
4.	UEBH504	Global Business Strategies	Professional Core 26	4	4	0	0	4
5.	UEBH505	Digital Marketing	Professional Core 27	4	0	0	0	4
6.	UEBH506	Web Technology (Theory)	Professional Core 28	4	3	1	0	3
7.	UEBH5PA	Web Technology (Lab)	Professional Lab Core 5	2	0	0	2	1
8.		Department Elective – 2	Department Elective	3	3	0	0	3
9.		Open Elective – 2	Open Elective	3	3	0	0	3
10.	UEVCC02	Industry Visit	Industrial Visit	0	0	0	1	1
		Total		**34**				**30**

B.Com (Honours) Computer Application
Semester: VI

S. No	Course Code	Course Title	Cate-gory	Contact Hours	L	T	P	C
1.	UEBH601	Human Resource Management	Professional Core 29	4	4	0	0	4
2.	UEBH602	E-Commerce & Digital Proceesing	Professional Core 30	4	4	0	0	4
3.	UEBH603	Python (Theory)	Professional Core 31	4	4	0	0	3
4.	UEBH6PA	Python (Lab)	Professional Lab Core 6	2	2	0	0	1
5.		Department Elective – 3	Department Elective	3	0	0	0	3
6.	UEBH6PB	B.Com Honours Project	Professional Core 32	19	0	0	16	8
		TOTAL		**36**				**23**

		DEPARTMENT ELECTIVE						
1	UEBHE01	Operations Research	DE	3	3	0	0	3
2	UEBHE02	Introduction to Data Science	DE	3	3	0	0	3
3	UEBHE03	New Venture Creation	DE	3	3	0	0	3
4	UEBHE04	Cyber Security	DE	3	3	0	0	3
5	UEBHE05	Corporate Communatication	DE	3	3	0	0	3
6	UEBHE06	Information Technology and Infrastructure Management	DE	3	3	0	0	3
7	UEBHE07	Block Chain Management	DE	3	3	0	0	3
8	UEBHE08	Securities Analysis Portfolio Management	DE	3	3	0	0	3
9	UEBHE09	Cloud Computing	DE	3	3	0	0	3
10	UEBHE10	Computer Communication	DE	3	3	0	0	3
11	UEBHE11	Financial Services	DE	3	3	0	0	3
12	UEBHE12	Advance Excel	DE	3	3	0	0	3
13	UEBHE13	Micro Finance Operations	DE	3	3	0	0	3

		OPEN ELECTIVE						
1.	UEBHO01	Principles of Accounting	OE	3	0	0	3	3
2.	UEBHO02	Principles of Marketing	OE	3	0	0	3	3
3.	UEBHO03	Introduction to Banking	OE	3	0	0	3	3
4.	UEBHO04	Cryptgrapgy	OE	3	0	0	3	3
5.	UEBHO05	Human Resource Management	OE	3	0	0	3	3
6.	UEBHO06	Computer Network	OE	3	0	0	3	3
7.	UEBHO07	Introduction to Logistics	OE	3	0	0	3	3
8.	UEBHO08	Sales & Distribution Management	OE	3	0	0	3	3
9.	UEBHO09	EXIM Trade	OE	3	0	0	3	3
10.	UEBHO10	Entreprenership	OE	3	0	0	3	3
11.	UEBHO11	Essentials Of Information Technology	OE	3	0	0	3	3
12.	UEBHO12	Computer Languages in Business	OE	3	0	0	3	3

MINOR DEGREE – BIG DATA ANALYTICS								
SEMESTER-II								
1	UEBHM01	Fundamentals of Big Data Analytics	MD	4	0	0	4	4
SEMESTER-III								
2	UEBHM02	Big Data Programming Tools	MD	4	0	0	4	4
SEMESTER- IV								
3	UEBHM03	Big Data Analytics Methods Using R	MD	4	0	0	4	4
SEMESTER- V								
4	UEBHM04	Big Data Visualizations	MD	4	0	0	4	4
SEMESTER- VI								
5	UEBHM05	Big Data Security	MD	4	0	0	4	4

Name of the Degree	Credits
B.Com (Honours) Computer Application	157
Minor Degree in Big Data Analytics	20
B. Com (Honours) Computer Application with Minor Degree in Big Data Analytics	177