

D.T.E. Academy's
Padmashri Babasaheb Vengurlekar Mahavidyalaya Pandurtitha
(Affiliated to University of Mumbai)

Pandur, Tal- Kudal, Dist - Sindhudurg, 416812, Office Tel - 02362-248077

Class - F.Y.B.Sc. Information Technology

Semester - 1			
Course Code	Course Type	Course Title	Credits
USIT101	Core Subject	Imperative Programming	2
USIT102	Core Subject	Digital Electronics	2
USIT103	Core Subject	Operating Systems	2
USIT104	Core Subject	Discrete Mathematics	2
USIT105	Ability Enhancement Skill Course	Communication Skills	2
USIT1P1	Core Subject Practical	Imperative Programming Practical	2
USIT1P2	Core Subject Practical	Digital Electronics Practical	2
USIT1P3	Core Subject Practical	Operating Systems Practical	2
USIT1P4	Core Subject Practical	Discrete Mathematics Practical	2
USIT1P5	Ability Enhancement Skill Course Practical	Communication Skills Practical	2
Total Credits			20

Semester - 2			
Course Code	Course Type	Course Title	Credits
USIT201	Core Subject	Object oriented Programming	2
USIT202	Core Subject	Microprocessor Architecture	2
USIT203	Core Subject	Web Programming	2
USIT204	Core Subject	Numerical and Statistical Methods	2
USIT205	Ability Enhancement Skill Course	Green Computing	2
USIT2P1	Core Subject Practical	Object Oriented Programming Practical	2
USIT2P2	Core Subject Practical	Microprocessor Architecture Practical	2
USIT2P3	Core Subject Practical	Web Programming Practical	2
USIT2P4	Core Subject Practical	Numerical and Statistical Methods Practical	2
USIT2P5	Ability Enhancement Skill Course Practical	Green Computing Practical	2
Total Credits			20




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Class - F.Y.B.Sc. Computer Science

Semester - I				
Course Code	Course Type	Course Title	Credits	Lectures/Week
USCS101	Core Subject	Computer Organization and Design	2	3
USCS102	Core Subject	Programming with Python- I	2	3
USCS103	Core Subject	Free and Open Source Software	2	3
USCS104	Core Subject	Database Systems	2	3
USCS105	Core Subject	Discrete Mathematics	2	3
USCS106	Core Subject	Descriptive Statistics and Introduction to Probability	2	3
USCS107	Ability Enhancement Course 1	Soft Skills Development	2	3
USCSP01	Core Subject Practical	Practical of USCS101 + USCS102 + USCS103+USCS104+USCS105+USCS106	6	18

Semester - II				
Course Code	Course Type	Course Title	Credits	Lectures/Week
USCS201	Core Subject	Programming with C	2	3
USCS202	Core Subject	Programming with Python- II	2	3
USCS203	Core Subject	Linux	2	3
USCS204	Core Subject	Data Structures	2	3
USCS205	Core Subject	Calculus	2	3
USCS206	Core Subject	Statistical Methods and Testing of Hypothesis	2	3
USCS207	Ability Enhancement Course 2	Green Technologies	2	3
USCSP02	Core Subject Practical	Practical of USCS201 + USCS202 + USCS203+USCS204+USCS205+USCS206	6	18




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Class – F.Y.B.Com. (Banking & Insurance)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1	Environment and Management of Financial Services.	03	1	Principles and Practices of Banking & Insurance	03
2	Principles of Management	03	2	Business Law	03
3	Financial Accounting -I	03	3	Financial Accounting -II	03
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Course (AECC)		2A	Ability Enhancement Compulsory Course (AECC)	
4	Business Communication-I	03	4	Business Communication-II	03
2B	*Skill Enhancement Courses (SEC)		2B	**Skill Enhancement Courses (SEC)	
5	Any one course from the following list of the courses	02	5	Any one course from the following list of the courses	02
3	Core Courses (CC)		3	Core Courses (CC)	
6	Business Economics-I	03	6	Organizational Behaviour	03
7	Quantitative Methods-I	03	7	Quantitative Methods-II	03
Total Credits		20	Total Credits		20

*List of Skill Enhancement Courses (SEC) for Semester I (Any One)		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)	
1	Foundation Course - I	1	Foundation Course - II
2	Foundation Course in NSS - I	2	Foundation Course in NSS - II
3	Foundation Course in NCC - I	3	Foundation Course in NCC - II
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II

Note: Course selected in Semester I will continue in Semester II




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Class - Bachelor of Commerce (B.Com)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
1	Elective Courses (EC)		1	Elective Courses (EC)	
1A	Discipline Specific Elective(DSE) Courses		1A	Discipline Specific Elective(DSE) Courses	
1	Accountancy and Financial Management - I	03	1	Accountancy and Financial Management - II	03
1B	Discipline Related Elective(DRE) Courses		1B	Discipline Related Elective(DRE) Courses	
2	Commerce - I	03	2	Commerce - II	03
3	Business Economics - I	03	3	Business Economics - II	03
2	Ability Enhancement Courses (AEC)		2	Ability Enhancement Courses (AEC)	
2A	Ability Enhancement Compulsory Courses (AECC)		2A	Ability Enhancement Compulsory Courses (AECC)	
4	Business Communication - I	03	4	Business Communication II	03
5	Environmental Studies I	03	5	Environmental Studies II	03
2B	*Skill Enhancement Courses (SEC)		2B	**Skill Enhancement Courses (SEC)	
6	Any one course from the following list of the courses:	02	6	Any one course from the following list of the courses:	02
3	Core Courses (CC)		3	Core Courses (CC)	
7	Mathematical and Statistical Techniques - I	03	7	Mathematical and Statistical Techniques - II	03
Total Credits		20	Total Credits		20

*List of Skill Enhancement Courses (SEC) for Semester I (Any One)		**List of Skill Enhancement Courses (SEC) for Semester II (Any One)	
1	Foundation Course - I	1	Foundation Course - II
2	Foundation Course in NSS - I	2	Foundation Course in NSS - II
3	Foundation Course in NCC - I	3	Foundation Course in NCC - II
4	Foundation Course in Physical Education - I	4	Foundation Course in Physical Education - II

Note: Course selected in Semester I will continue in Semester II




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Sr.No.	Description of critical issue	Title of course wherein the issue is addressed	Unit/Chapter no.	Remark
1.	Environmental sustainability	Environmental Studies -I (first Year-Semester -I) (Bachelor of Commerce)	(UNIT-I) Environmental and Ecosystem (UNIT-II)Natura I Resources and sustainable Development (UNIT-III) Population and Emerging Issue Of development (UNIT-IV) Urbanization and Environment	Ecosystem, Food chain and man and environment relationship Classificatio n and types of recourse. Population explosion in the world and in India Problem of migration and urban environment- Changing land use




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2.	Environmental sustainability	Environmental Studies (first Year-Semester-II) (Bachelor of Commerce)	(UNIT I)- Solid waste management for sustainable society (UNIT-II) Agriculture and Industrial Development (UNIT-III) Tourism and Environment (UNIT-IV) Environmental movements and management	Classification of solid waste-types and sources of solid waste Environmental problem associated with agriculture Challenges in tourism Save narmada , Save western Ghat
	Environmental sustainability	Green Computing (First Year B.Sc-Sem-II) Information technology	(UNIT-I) Initiatives and Standards (UNIT-II) Going Paperless (UNIT-III) Recycling (UNIT-IV) Greening Your Information System	Company's carbon Footprint power problem, Virtualization, calculating cooling needs, Reengineering with green in mind Paper & office-storage, Paperless Improve Technology Infrastructure, Reduce PCs
3.	Communication Skills	Business	(UNIT-I) Presentation	How to make




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		Communication-II (first Year-Semester-II) (Banking & Insurance)	Skills (UNIT-II) Group Communication (UNIT-IV) Language and writing skills	power-point presentation Group Discussion .Interview, conference organizing,Letters of inquiry,claim & complaints
4.	Communication Skills	Communication Skills (First Year B.Sc-Sem-I) Information technology	(UNIT-I) Business communication (UNIT-I) Message and documents (UNIT-III) Oral Communication (UNIT-V) Presentation Process	Cross-cultural communication career building & Resume writing Group Discussion and Public Speaking Impressing the audience by performing
5.	Communication Skills	Business Communication-I (first Year-Semester-I) (Bachelor of Commerce)	(UNIT-I)Concept of communication (UNIT-II) Business ethics	Communication at workplace Barriers to communication listening Paragraph writing
6.	Human Values	Foundation Course-I (Banking & Insurance)	(UNIT-II) Concept of Disparity (UNIT-III) OverView Of Indian Society	Rural , Urban and tribal charastics Religion ,caste and gender equity violence against Human




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7.	Human values	Foundation Course-I (Bachelor of Commerce)	(UNIT-II) Concept of Disparity (UNIT-III) OverView Of Indian Society	Rural, Urban and tribal charastics Religion ,caste and gender equity violence against Human
8.	Human values	Foundation Course-II (Banking & Insurance)	UNIT-II Human Rights UNIT-V conflict in contemporary society	Special reference to fundamental rights stated in the constitution Different method of responding to conflict
9.	Human values	Foundation Course-II (Bachelor of Commerce)	UNIT-II Human Rights UNIT-V conflict in contemporary society	Special reference to fundamental rights stated in the constitution Different method of responding to conflict




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		knowledge as applicable to banking and insurance with suitable illustrations.	<p>variance analysis</p> <ul style="list-style-type: none"> • Calculation of marginal costing.
	Customer relationship management UBIFSIV.3	<ul style="list-style-type: none"> • To familiarize with the strategy, tactics, key concepts and best practices of Customer Relationship Management (CRM) • To apply analytical techniques and concepts to solve real world decision problems in CRM. • To provide better understanding of how companies gain competitive advantage and improve financial performance through crafting and implementation of better customer retention strategies. 	<ul style="list-style-type: none"> • Understand the need of CRM in the competitive market. • They learn how to use CRM in any problem solving.
	Information technology in banking & insurance- IUBIFSIV.6	To provide basic knowledge about e-commerce, Microsoft office suite, internet technology and revolutionary banking technology.	Students understand how to use Microsoft office for daily work, surfing on internet to adopt educational knowledge, various E-banking technologies.
	Foundation course IV UBIFSIV.7.1	<ul style="list-style-type: none"> • To provide a basic knowledge of insurance. • To knowledge of life & health insurance. • To provide adequate information of home and motor insurance. • To provide knowledge of role of insurance in logistic. 	<ul style="list-style-type: none"> • Students understand SBI and ICICI health insurance plans. • Students understand the role of insurance in logistic and fire insurance. • Students understand basic knowledge of home and motor insurance. • Students understand knowledge of LIC and Plans of LIC.
	Corporate law & security laws UBIFSIV.8	<ul style="list-style-type: none"> • To make the students aware of the laws relating to the business. • To provide conceptual knowledge about the business law 	<ul style="list-style-type: none"> • Students understand basic knowledge of laws relating to the business.
	Business economics-	<ul style="list-style-type: none"> • Introduction to Macro Economics data & Theory 	<ul style="list-style-type: none"> • Knowledge of Macro Economics