

**Dombivli Shikshan Prasarak Mandal's**  
**K.V. Pendharkar College of Arts, Science & Commerce (Autonomous),**  
**Dombivli (E)**  
**IQAC**  
**Departmental Data for the Year 2021-22**

Q1 1.1.1 Curricula developed and implemented by the department at the First Year level (UG & PG) in 2021-22 has relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the department:

**1. ACCOUNTANCY**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>F.Y.B.Com.</b>	<b>Accountancy &amp; Financial Management-I</b>	<b>Basic Banking Transactions</b>	<b>Regional</b>
<b>F.Y.B.Com.</b>	<b>Accountancy &amp; Financial Management-II</b>	<b>Basic of Mutual Funds transactions</b>	<b>Regional</b>
<b>M.Com.-I</b>	<b>Cost &amp; Management Accounting</b>	<b>Budgetary Control</b>	<b>Local</b>
<b>M.Com.-I</b>	<b>Corporate Finance</b>	<b>Ratio Analysis including Reverse Ratio and Interpretation</b>	<b>Local</b>

## **2. ACCOUNTANCY & FINANCE**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/global development</b>
FYBAF	Financial Accounting I	AS-20: Earnings Per share AS-10: Property, plant & equipment	Global
FYBAF	Cost Accounting I	Cost Sheet	Organisational
FYBAF	Financial Management	Capital structure theories	Global
FYBAF	Business Mathematics	Permutations and Combinations	Global
FYBAF	Commerce - I	1. Business and Society: Types of Entrepreneurs, Factors contributing to growth of Entrepreneurship, Competencies of an Entrepreneur and Women Entrepreneur: Problems and promotions  2. Contemporary Issues: Recent Developments - Green Accounting - Green Banking – Meaning, Applicability, Advantages, Initiatives & Products	National
FYBAF	Business Communication I	Skimming, scanning, interpretation and public speaking should be included	Organisational
FYBAF	Financial Accounting - II	Voyage Accounting	Global
FYBAF	Audit	Special Audit –Audit of Hotel, Hospital, Educational Institute, Cinema Hall Vouching – Income and Expenditure	National

FYBAF	Innovative financial services	Mutual Funds	Global
FYBAF	Business Law	Introduction to Law, Payment settlement Act, Consumer Protection Act, 2019	National
FYBAF	Business Economics - I	Consumer Behaviour Properties of indifference curve Ordinal approach of marginal utility	Global
FYBAF	Business Communication - II	Presentation Skills - Instead of Presentation skills it should be Presentation process (planning: Brainstorming, mind map, concept map, chunking etc., executing, impressing: use of templates, visual communication, effective use of graphics) and it should be consider for external examination instead of tutorials	Organisational

### **3. BIOTECHNOLOGY**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
F.Y.B.Sc Biotechnology	PUSBTI21-171	Basic Chemistry- I	Local/National/Regional/ Global Development
	PUSBTI21-172	Bioorganic Chemistry	Local/National/Regional/ Global Development
	PUSBTI21-173	Biodiversity and Cell Biology	Local & Regional Development
	PUSBTI21-174	Microbial Techniques	Local To Global
	PUSBTI21-175	Introduction to Biotechnology	Basic Concepts
	PUSBTI21-176	Molecular Biology	Global Development

	PUAFCI21-142	Foundation Course- I	Local & Regional Development
	PUSBTII21-271	Basic Chemistry II	Local/National/Regional/ Global Development
	PUSBTII21-272	Physical chemistry	Local/National/Regional/ Global Development
	PUSBTII21-273	Physiology and Ecology	Local/National/Regional Development
	PUSBTII21-274	Genetics	Global Development
	PUSBTII21-275	Tissue Culture & Dairy Technology	National & Global Development
	PUSBTII21-276	Enzymology, Immunology and Biostatistics	Local To Global Development
	PUAFCII21-242	Foundation Course- II	Local & Regional Development

#### 4. BMS

Class	Subject / Paper	Topic introduced	Relevance to local/national/regional/ global development
<b>FYBMS</b>	Business Law	Intellectual Property Rights	National
	Business Communication	Soft Skills & Communication skills	International
	Foundation of Human Skills	Organizational Culture and Motivation	International
<b>SYBMS</b>	Business Planning & EM	Entrepreneurship Skills, Innovation & Creativity	International
	Environmental Management	Rain Water Harvesting	Local
<b>TYBMS</b>	International Finance	International Investment Strategy	International
	Logistics & SCM	New Global Trends	International

	International Marketing	FDI, WTO, GDR	International
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## **5. BUSINESS ECONOMICS**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>FYBCom</b>	<b>Busines Economics</b>	<b>objectives of firm, Green GNP and NNP</b>	<b>students will be able to apply their knowledge while working in industries.</b>

## **6. CHEMISTRY**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>M.Sc.- I</b>	Paper I - Physical Chemistry	Surface active agents and their classification, Micellization, Emulsions, Hydrogen storage by adsorption, Polymer Chemistry	Energy storage and Application of polymers for global development
	Paper II - Inorganic Chemistry	Discovery, Properties, Methods of preparation and applications of special nanomaterials Case studies like Jaduguda uranium mine and Minamata mercury poisoning	Development of unique nanomaterials for applications in various fields. Case studies helps to understand great negative effects on health states in the residents
	Paper III- Organic Chemistry	Neighbouring group participation, Mukaiyama esterification, Domino reactions, Overman rearrangement etc.	Useful for understanding mechanisms of synthesis of many organic compounds.
	Paper-IV- Analytical Chemistry	Sampling technique, Gel Chromatography and few basic concepts in chromatography	For analysis purpose

## **7. COMMERCE**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>FYB.Com</b>	<b>Commerce- I</b>	<b>Industry 4.0</b> <b>Import Export Procedure and Documentation</b> <b>Start-ups and Incubation</b>	<b>Global Development</b> <b>National and Global Development</b> <b>National and Regional Development</b>
	<b>Commerce- II</b>	<b>Regulatory Authorities of Service Sector</b> <b>Technology trends driving 4.0</b> <b>Application of Industry 4.0 in Banking &amp; Insurance Sector</b> <b>Career options in Banking &amp; Insurance Sector</b>	<b>-</b> <b>Regional Development</b> <b>Regional and National Development</b> <b>Regional and National Development</b>
<b>M.Com (Part I)</b>	<b>Business Ethics &amp; CSR</b>	<b>SEBI LODR Regulations 2015 with respect to Transparency and Corporate Governance</b>	<b>National Development</b>
	<b>Strategic Management</b>	<b>Growing relevance of strategic management</b>	<b>National relevance</b>
	<b>E-Commerce</b>	<b>Emerging Trends in E-Commerce</b>	<b>Global Development</b>

## **8. ECONOMICS**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>FYBA</b>	<b>Microeconomics</b>	<b>Capital</b>	<b>Local</b>

		<b>Budgeting</b>	
<b>SYBA</b>	<b>Public economics</b>	<b>Local governance</b>	<b>All of the above</b>

## **9. ENGLISH**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>FYBA</b>	<b>Communication skills</b>	<b>Types of subordinate clause and resume</b>	<b>Development of writing skill</b>
<b>FYBA</b>	<b>English literature</b>	<b>Kamala Das : “Summer Vacation ” Ruskin Bond : “The Cherry Tree” Shakespeare: “My mistress’ eyes are nothing like the sun” Robert Browning: “My Last Duchess” William Shakespeare: Comedy of Errors OR Robert Bolt : The Tiger and The Horse</b>	<b>Enhanced understanding of different forms of canonical texts on the part of the students</b>
<b>M.A. Part-I</b>			

## **10. PSYCHOLOGY**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/ global development</b>
<b>FYBA</b>	<b>Fundamentals of Psychology</b>	<b>A visit to the laboratory for demonstration of a simple experiment on R.T. (Reaction Time)</b>	<b>Much related to local/national/regional/ global development in terms of practical application of the concept.</b>

## **11. ZOOLOGY**

<b>Class</b>	<b>Subject / Paper</b>	<b>Topic introduced</b>	<b>Relevance to local/national/regional/global development</b>
<b>FYBSc</b>	<b>SEM-I Paper I</b>	<b>Unit II: Biodiversity and its conservation</b>	<b>Regional</b>
	<b>SEM-I Paper-II</b>	<b>Unit I: Laboratory Safety</b>	<b>National</b>
		<b>Unit II: Animal Biotechnology</b>	<b>Global &amp; National</b>
	<b>SEM-II Paper-I</b>	<b>Unit 1: Population Ecology</b>	<b>Local</b>
		<b>Unit III: National Parks And Sanctuaries</b>	<b>Local &amp; National</b>
	<b>SEM-II Paper-II</b>	<b>Unit I: Nutrition and Health</b>	<b>Local</b>
		<b>Unit II: Public Health and Hygiene</b>	<b>Local &amp; Global</b>
		<b>Unit III: Pollution</b>	<b>Local, Regional, National, Global</b>