



**DAAR-UL-REHMAT TRUST'S
A.E. KALSEKAR DEGREE COLLEGE**
Kausa, Mumbra, Thane-400612
KAUSA, MUMBRA
Permanently Affiliated to University of Mumbai
Accredited by NAAC with B++ Grade
ISO certified 9001:2015

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Programme	Name of the Course	Relevant issue			Description
		Gender	Environment Sustainability	Human Values & Professional Ethics	
BA	Communication Skills-I			✓	Teaches the techniques of skimming, scanning, note making, summarising, public speaking, listening & speaking skills, letter writing, which will equip students to work efficiently in professional environment.
	Economics		✓	✓	Public Finance exposes the student to public budget through issues of taxation, expenditure, debt and concepts of deficit. Macroeconomics covers totality of inflation, economic policy, exports and imports and money market and capital market. Indian economy covers sustainability and economic growth. Growth and Development covers various aspects of human development index.
	English Literature	✓		✓	Short story: "Mother" by Baburao Bagul highlights about the Dalit Women's sufferings, happiness and predicaments
		✓		✓	Anita Desai's Novel " Fasting Feasting" highlights the orthodox nature of Indian society where the eldest daughter, who is suppose to be mother's assistant is overburdened with responsibilities of her younger siblings which leads to disintegration of her personality.
	Political science			✓	Students learn about fundamental rights, importance of preamble and indian Constitution. Student realise the need to focus on gender issues in politics through gender politics
	Mass Communication			✓	The students learn about the role, responsibilities & journalistic ethics. They also learn how to critically view media and form opinions.
HISTORY	History of Modern India			✓	It teaches the value of nationalism, role of nation builders in modern India.
	Landmarks and World History (1300 AD-1945 AD)			✓	It highlights the value of peace after the disturbance created by World War-I with the foundation of League of Nations
	Introduction to Archaeology		✓		It teaches about the field archaeology that is methods of exploration and excavation.
	History of Contemporary India (1947 CE- 2000 CE)			✓	Professionalism in Indian Economy after the new economic policy 1991, which fostered the growth of liberalisation, privatisation and globalisation.
	History of Medieval India (1526 CE-1707 CE)	✓			The study highlights the role of women's in social, religious and Administrative spheres in Medieval India.
BOTANY	Economic Importance of Fungi		✓		Creates awareness about fungi applications in environmental remediation.
	Economic importance of Algae		✓		It teaches about economic importance and ecological applications of Algae
	Forms and Functions-I Ecology		✓		Create awareness about ecological component and sustainable approaches of conservation.



	Plant diversity - II Economic importance of Gymnosperms		✓		It teaches about economic importance and ecological study of Gymnosperms
	Forms and Functions-II Grandma's Pouch (Medicinal Use of Plants)		✓	✓	Create awareness about home remedies promoting holistic lifestyle. Also help in retaining treasure of ancestral knowledge of ayurvedic medicines.
Chemistry	Analytical Chemistry Food and Cosmetics Analysis			✓	It teaches to identify Food adulteration and nutrients. It also teaches to identify the composition and elements present in Cosmetics.
	Drugs and Dyes	✓	✓	✓	It provides insights into benefits of drugs and dyes, its side effects, structure, applications
	General Chemistry		✓		It creates awareness about problems related with chemical gases and solutions which helps in minimising the damages to the Environment.
	Organic Chemistry		✓	✓	It explains the concept of Green Chemistry, Synthesis and understanding reaction and its mechanism, for implementation at industrial level.
	Inorganic Chemistry			✓	It teaches about biological importance of Metals such as Potassium, Copper, Iron.
	Physical Chemistry		✓	✓	It teaches how Nuclear energy can be used to sustain life by harnessing it as fuel for electric generation and its effects on Environment and Human Life.
SCIENCE ZOOLOGY	Wonders of Animal World, Biodiversity and Conservation		✓		It teaches the value of conservation of natural habitat to safeguard biodiversity. It relates with coservation of different Ecosystems, interrelationship between species.
	Instrumentation and Biotechnology			✓	It teaches the handling of different hazarous chemicals, sensitive instruments, infectious biological specimens during practical in laboratory.
	Ecology and Wildlife Management		✓		It teaches the population ecology, the components of ecosystem and current status of wildlife conservation.
	Nutrition Public Health and Hygiene			✓	It teaches the importance of balance diet & essential nutriets of food, gives knowledge of conservation of water resources and personal hygiene.
BSC-IT	Green Computing		✓		It teaches about the computer Recycling,GreenDesign, StayingGreen,Green Supply Chain,Power Problems, Monitoring Power Usage, Paper Problems,etc.
BMS	Business Law			✓	It teaches about the various rules and regulation regarding consumer protection, contract making and intellectual property
	Foundation Course - I	✓		✓	It teaches about multicultural diversity of Indian society and inequalities faced by people also gives inside of fundamental duties and philosophy of constitution talks about female foeticide portrayal of women in media
	Foundation of Human Skills	✓		✓	It teaches about personality development, Individual behaviour, Group dynamics and Stress Management.
	Industrial Law			✓	It teachers about laws related to employees compensation rules, labour laws and laws related to industrial relations and disputes.
	Foundation Course - Value Education and Soft Skill II		✓	✓	It teaches about important concept of environmental studies in the current development context ,impact of globalisation on industry, Conflict Resolution and Social peace and harmony.



	Advertising	✓		✓	It teaches about ethics and laws in advertising , impact of ADS on kids and Women.
	Auditing			✓	It teaches concept of errors and frauds and duties of auditors in case of frauds.
	Training & Development in HRM			✓	It teaches about training of personnel and career developments.
	Business Research Methods			✓	It teaches about ethics in research and concepts like plagiarism.
	Logistics and supply chain management		✓		IT teaches about new concept of green Logistics.
	HRM in Global Perspective			✓	It teaches about managing diversity of Human Resources and professional ethics.
	Retail Management		✓		It teaches about new concept of green retailing.
B.com (Banking & Insurance)	Organizational Behaviour			✓	The subject give detailed inforamtion about the ethical behaviour of the various stakeholders in an organization.
	Customers Relationship Management			✓	It teaches managerial theories and techniques of retaining good customers for organizational growth and development.
	Business Ethics and Corporate Governance			✓	It teaaches Zero tolerance policy in corruption and measures against busines malpractices.
	Central Banking			✓	It teaches the importance of Apex Banking Institutions, Risk & measures against technological scams/ threats in banking sector.
BAF	Mathematics			✓	It teaches about calculating intrest, Mutual funds & dealing with shares, which in turns helps in professional life.
	Financial Management (Introduction to Financial Management)			✓	It teaches about strategic planning, organising, directing, and controlling of financial undertakings in an organisation or an institute. It also includes applying management principles to the financial assets of an organisation, while also playing an important part in fiscal management.
	Business Communication			✓	It teaches about how to communicate with people from other backgrounds and cultures—a necessary business skill and a lifelong source of pleasure. Improving etiquette in all forms of contemporary media.
	Foundation Course - I	✓			It gives insights into Constitutional and Legal Rights, Importance of Science & Technology and Guidance about Competitivie Examination and also creates sensivity towards Marginalised section of the society.
	Commerce (Business Environment) -I			✓	It teaches about Organisational Strategies and policies for improving performances, SWOT Analysis and International Business Organisations.
	Auditing (Introduction and Planning) I			✓	It teaches about conducting risk analysis, developing your client communication skills, preparing financial statements, and identifying where systems may be failing and recommending controls.
	Business Communication II			✓	It teaches communication in professional environment through Reports, Memos, Notices and Business Letters.



M.COM	Strategic Management Cost based pricing, Mark up pricing			✓	It teaches about fair pricing policy.
	Gandhian Trusteeship Policy		✓	✓	Practicing Human values for the upliftment of underprivileged of society.
	E-Commerce Online Business		✓	✓	New business trends from consumer perspective
	Human Resources Management Human Resource Planning HR Planning , HR Audit			✓	It teaches best practises and prosperity of business.
	Marketing Strategies and practices Green Marketing		✓	✓	It teaches about Green Marketing policies, Methods of Recycling, Environmental Energy Resources.
	Organizational Behaviour Organizational theory			✓	It creating a family environment in an organisation through topics like Organizational Citizenship Behaviour.
	Ethical Advertising	✓		✓	It teaches about Ethics to be followed by Organisations while Advertising.
BCOM	Commerce-I	✓		✓	Students develop the ability of analysing the project plans and accordingly gain from the opportunities available in the market. Also Students learn and inculcate entrepreneurial skills with reference to Women Entrepreneurs.
	Commerce-II			✓	Students are able to define the different format of retailing, they are able to analyse current retail scenarios at International Level.
	Commerce-III			✓	Students develop the ability to take correct and timely decisions.
	Commerce-IV			✓	Students are able to define different dimensions of quality. They are also able to analyse service quality management with the help of SERVQUAL Model.
	Commerce-V			✓	Students are able to understand the concept of Marketing Ethics and implement in real life industries.
	Commerce -VI			✓	Students are able to identify recent trends and challenges in HRM.
	Environmental Studies-I		✓		It creates awareness amongst students about various Environmental Issues and Resources Conservation Methods.
	Environmental Studies-II		✓		It creates awareness students about Waste Management, Environmental Tourism and Various Wildlife Scanturies and National Parks available in India.
	Business Law-I & II			✓	It creates awareness about legal and regulatory aspects of Business.






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Department of Commerce

Curriculum Integrity Cross Cutting Issues

Sr. no.	Programme Name	Course code	Course name	Topics	Cross Cutting Issues
1	B.COM(FYBCOM)-SEM-I	UBCOMFSI.2	Commerce - I	WTO	Sustainability & Environment
2	B.COM(FYBCOM)-SEM-I	UBCOMFSI.2	Commerce - I	Business Environment	Professional Ethics
3	B.COM(FYBCOM)-SEM-I	UBCOMFSI.2	Commerce - I	Women Entrepreneur	Gender
4	B.COM(FYBCOM)-SEM-I	UBCOMFSI.2	Commerce - I	Entrepreneurship	Professional Ethics
5	B.COM(FYBCOM)-SEM-II	UBCOMFSII.2	Commerce - II	E-Commerce	Professional Ethics
6	B.COM(SYBCOM)-SEM-III	UBCOMFSIII.3	Commerce - III	Principle of Management	Human Values
7	B.COM(SYBCOM)-SEM-III	UBCOMFSIII.3	Commerce - III	Indian Ethos to Management	Professional Ethics
8	B.COM(SYBCOM)-SEM-III	UBCOMFSIII.3	Commerce - III	Effective Communication	Human Values
9	B.COM(SYBCOM)-SEM-III	UBCOMFSIII.5.01	Advertising - I	IMC	Human Values





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10	B.COM(SYBCOM)- SEM-III	UBCOMFSIII.5.01	Advertising - I	Ethical & Social Issues in Advertising	Professional Ethics
11	B.COM(SYBCOM)- SEM-IV	UBCOMFSIV.3	Commerce IV	Service Quality Management	Professional Ethics
12	B.COM(SYBCOM)- SEM-IV	UBCOMFSIV.5.01	Advertising II	Advertising Budget	Professional Ethics
13	B.COM(TYBCOM)- SEM-V	23114	Commerce V	Green Marketing	Sustainability & Environment
14	B.COM(TYBCOM)- SEM-V	23114	Commerce V	Marketing Ethics	Professional Ethics
16	B.COM(TYBCOM)- SEM-V	23116	Export Marketing Paper I	Determinants of foreign market selection	Sustainability & Environment
17	B.COM(TYBCOM)- SEM-V	23132	Marketing Research Paper I	Marketing Research	Professional Ethics
18	B.COM(TYBCOM)- SEM-VI	83014	Commerce VI	Human Resource Development	Human Values & Professional Ethics
19	B.COM(TYBCOM)- SEM-VI	83014	Commerce VI	Motivational Theories	Human Values & Professional Ethics

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Department of Information Technology

Curriculum Integrity Cross Cutting Issues

Sr. no.	Programme Name	Course code	Course name	Topics	Cross Cutting Issues
1	B.Sc.IT	USIT205	Green Computing	Recycling, GreenDesign, StayingGreen, Green Supply Chain, Power Problems, Monitoring Power Usage, Paper Problems	Environment and sustainability.



Teacher Incharge/HoD





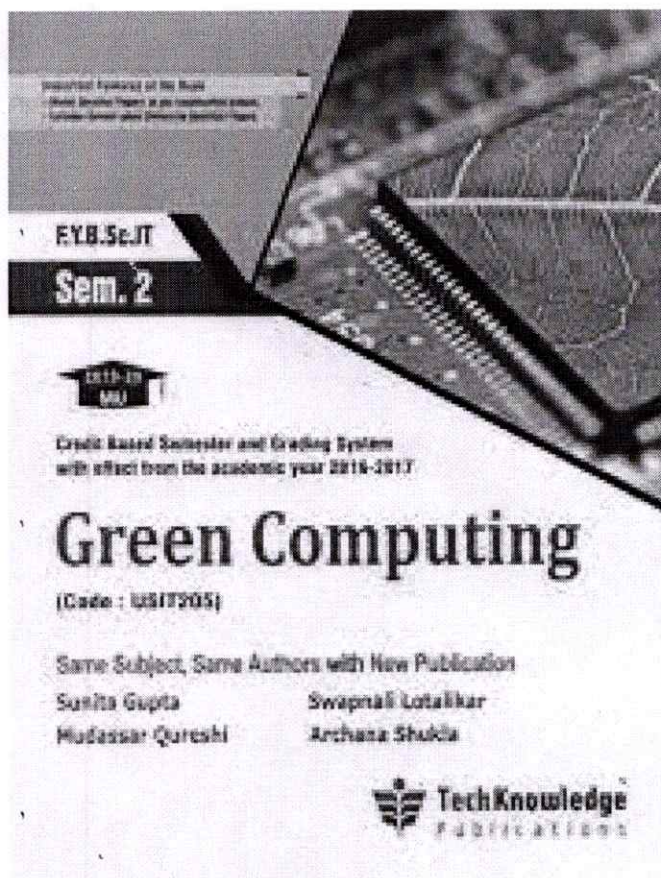
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B.Sc. (Information Technology)	Semester-II
Course Name: Green Computing	CourseCode:USIT205

Unit	Details	Lectures
I	<p>Overview and Issues: Problems: Toxins, Power Consumption, Equipment Disposal, Company's Carbon Footprint: Measuring, Details, reasons to bother, Plan for the Future, Cost Savings: Hardware, Power.</p> <p>Initiatives and Standards: Global Initiatives: United Nations, Basel Action Network, Basel Convention, North America: The United States, Canada, Australia, Europe, WEEE Directive, RoHS, National Adoption, Asia: Japan, China, Korea.</p>	12
II	<p>Minimizing Power Usage: Power Problems, Monitoring Power Usage, Servers, Low-Cost Options, Reducing Power Use, Data De-Duplication, Virtualization, Management, Bigger Drives, Involving the Utility Company, Low-Power Computers, PCs, Linux, Components, Servers, Computer Settings, Storage, Monitors, Power Supplies, Wireless Devices, Software.</p> <p>Cooling: Cooling Costs, Power Cost, Causes of Cost, Calculating Cooling Needs, Reducing Cooling Costs, Economizers, On-Demand Cooling, HP's Solution, Optimizing Airflow, Hot Aisle/Cold Aisle, Raised Floors, Cable Management, Vapor Seal, Prevent Recirculation of Equipment Exhaust, Supply Air Directly to Heat Sources, Fans, Humidity, Adding Cooling, Fluid Considerations, System Design, Datacentre Design, Centralized Control, Design for Your Needs, Put Everything Together.</p>	12
III	<p>Changing the Way of Work: Old Behaviours, starting at the Top, Process Re-engineering with Green in Mind, Analyzing the Global Impact of Local Actions, Steps: Water, Recycling, Energy, Pollutants, Teleworkers and Outsourcing, Telecommuting, Outsourcing, how to Outsource.</p> <p>Going Paperless: Paper Problems, The Environment, Costs: Paper and Office, Practicality, Storage, Destruction, Going Paperless, Organizational Realities, Changing Over, Paperless Billing, Handheld Computers vs. the Clipboard, Unified Communications, Intranets, What to Include, Building an Intranet, Microsoft Office SharePoint Server 2007, Electronic Data Interchange (EDI), Nuts and Bolts, Value Added Networks, Advantages, Obstacles.</p>	12





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IV	<p>Recycling: Problems, China, Africa, Materials, Means of Disposal, Recycling, Refurbishing, Make the Decision, Life Cycle, from beginning to end, Life, Cost, Green Design, Recycling Companies, Finding the Best One, Checklist, Certifications, Hard Drive Recycling, Consequences, cleaning a Hard Drive, Pros and cons of each method, CDs and DVDs, good and bad about CDs and DVDs disposal, Change the mind-set, David vs. America Online</p> <p>Hardware Considerations: Certification Programs, EPEAT, RoHS, Energy Star, Computers, Monitors, Printers, Scanners, All-in-Ones, Thin Clients, Servers, Blade Servers, Consolidation, Products, Hardware Considerations, Planned Obsolescence, Packaging, Toxins, Other Factors, Remote Desktop, Using Remote Desktop, Establishing a Connection, In Practice</p>	12
V	<p>Greening Your Information Systems: Initial Improvement Calculations, Selecting Metrics, Tracking Progress, Change Business Processes, Customer Interaction, Paper Reduction, Green Supply Chain, Improve Technology Infrastructure, Reduce PCs and Servers, Shared Services, Hardware Costs, Cooling.</p> <p>Staying Green: Organizational Check-ups, Chief Green Officer, Evolution, Sell the CEO, SMART Goals, Equipment Check-ups, Gather Data, Tracking the data, Baseline Data, Benchmarking, Analyse Data, Conduct Audits, Certifications, Benefits, Realities, Helpful Organizations.</p>	12





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DEPARTMENT OF ACCOUNTANCY

Curriculum Integrity Cross Cutting Issues:

Sr. No	Programme Name	Course Code	Course Name	Topic	Cross Cutting issues
01	B.Com	UBCOMFSIV.2.1	Auditing	<ul style="list-style-type: none">• Introduction to Auditing• Auditing Techniques	Professional Ethics
02	B.Com	23101	Financial Accounting	Ethical behaviour and Implications for Accountants	Professional Ethics


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