Govt. Degree College Timarni, District–Harda (M.P.)

[3208], NAAC STATUS "B+", REGISTER WITH UGC UNDER 2 (F) AND UNDER 12 (B)

Website of College: http://www.gdctimarni.in

Part of Syllabus which consist Cross cutting Issues

Index

Courses Addressing the cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum.

S.No	Name of Programme	Papers	Issue Addressed
1	All under Graduate courses (Foundation Courses)	1. Hindi Language and Moral Values 2. English Language 3. Entrepreneurship Development	Human Values and Professional Ethics
2	B.Sc. Botany	1. Diversity of Lower Plants 2. Diversity of Higher Plants 3. Structure development and reproduction of flowering plants 4. Plant ecology biodiversity and phytogeogrophy. 5. Plant Philology and Biochemistry 6. Cell Biology Genetics and Biotechnology	Environment and Sustainability
3.	B.Sc. Zoology	1. Invertebrate 2. Cell Biology and Developmental Biology. 3. Animal Physiology and Bio-chemistry 4. Genetics 5. Ecology and applied Zoology	Studies about various deceases, viruses, pathological test and nutritions.
4.	All under Graduate courses second year (Foundation Courses paper-III)	1.Environment studies	Awareness to environment.
5.	All under Graduate courses Final Year (Foundation Courses paper-III)	2. Basic Computer Information Technology	Basic Knowledge of computer
6	All under Graduate courses (NEP-Vocational Subject)	1. Personality Development 2. Physical Education 3. Organic Forming 4. Web Design 5. DTP 6. Accounting and Tally 7. NCC/NSS	Basic Knowledge of Subject

Department of Chemistry

Cross Cutting Issues

S.No	Year	Name of Curriculum	Description of Curriculum	Cross Cutting Issues Related to Curriculum			
				Professional Ethics	Gender	Human Values	Environment And Sustainability
4	B.Sc . I I Year	Reactions, Reagents and Mechanisms InOrganix Chemistry	Substitution reactions, Oxidation & Reduction Reactions, Photochemical and Pericyclic reactions				Yes
5	B.Sc . I I Year	Transition Element, Chemi-energetics, Phase Equilibria	Thermodynamics , Electrochemisrty ,Phase equilibrium.				Yes
6	B.Sc . III Year	Green and Agriculture Chemistry	Soil Fertility, Organic Manuring				Yes
7	B.Sc . III Year	Pharmaceutical and Medical Chemistry	Pharmaceutical Chemistry, Drug design.	Yes			

कार्यालय प्राचार्य, शासकीय स्नातक महाविद्यालय टिमरनी जिला-हरदा म.प्र.

NAAC द्वारा B ग्रेड से मूल्यांकित

फोन / फैक्स 07573-230060

ईमेल hegctimhar@mp.gov.in

दिनांक 18 / 01 / 2024

क्रासकटिंग इश्यू– 1. व्यवसायिक नैतिकता (Professional ethics)

2. लिंग संवेदीकरण (Gender Sensitisation)

3. पर्यावरण (Environment)

4. नैतिक मूल्य(Moral Values)

क्रासकटिंग इश्यू	डिपार्टमेन्ट	क्लास	पेपर	युनिट	टॉपिक	हरताक्षर
व्यवसायिक नैतिकता	कार्यशास्त्र	बी.ए. प्रथमवर्ष	नैतिक (नीति)	युनिट - २	उत्पादन डेशार	६
पर्यावरण	कार्यशास्त्र	बी.ए. प्रथमवर्ष	माइक्रो	युनिट - 1	माइक्रो इकोनामी	६
नैतिक नैतिकता	कार्यशास्त्र	बी.ए. द्वितीय	मनी	युनिट-२	नैतिज व्यापारा	६
लिंग गांतीकरण	कार्यशास्त्र	बी.ए. तृतीयवर्ष	डवलपमेंट	युनिट - २	महिलाओं की इस्थिति, श्रमिक	६

Cross Cutting Issues– 1. व्यवसायिकनैतिकता(**Professional Ethics**)

2.लिंगसंवैदीकरण(**Gender Sensitisation**)

3. पर्यावरण(**Environment**)

4. नैतिकमूल्य(**Moral Values**)

Cross-Cutting Issues in the Curriculum (2023-24)

<u>**Department of Computer Application**</u>

Computer Application as Major, Minor & Elective, Vocational Subject at UG

1.) BCA Program

CrossCutting issues	Class	Paper	Unit	Topic	Signature
PE	BCA 1ˢᵗ Year	Computer Fundamental organization & Architecture (Major-1)	Unit-IV		
PE		Programming Methodology & Data Structure (Major-II)			
PE		Operating System (Minor)			
PE		Discrete mathematics (Open Elective)			
PE		Web Designing (Vocational)			
PE	BCA II	Data Communication & Networking	Unit-II	Network Security	
PE		DBMS PL/SQL (Core Subject)	Unit 1	Database Security	
PE		Internet Application using Java Programming			
PE		Internet of Things (Generic Elective)	Unit-V	IOT Design Methodology	

PE		Web Development using PHP & My SQL (Vocational)			
PE	BCA III	Computer Graphic (Group A-Paper-I)			
PE		Python Programming (Group A-Paper-II)			
PE		Cloud Computing (Minor)			
PE		Multimedia and Animation (Open-Elective)			
PE		Web Designing Techniques (Vocational)			
PE		Digital Awareness-Cyber Security (FC-III)	Unit-II	Digital Payment and e-commerce	
PE			Unit-III	e-Governance Service	
PE			Unit-IV	Cyber Security	
PE			Unit-V	Social Media Overview and Security	

2.) B. Com Computer Application

CrossCutting issues	Class	Paper	Unit	Topic	Signature
PE	B. Com I Year	Data Processing Software (Core Subject)			
PE		DTP/Web Designing (Vocational)			
PE		MS Office/Computer Fundamental (Open Elective)			
PE	B. Com II Year	Introduction ASP.Net & C# (Core Subject)			
PE		Web Development using PHP & My SQL (Vocational)			
PE	B. Com III Year	Internet & Its Application (Core Subject)	Unit-1	Network Security	
PE		Web Designing Techniques (Vocational)			
PE		Digital Awareness-Cyber-Security (FC-III)	Unit-II	Digital Payment and e-commerce	
PE			Unit-III	e-Governance Service	
PE			Unit-IV	Cyber Security	
PE			Unit-V	Social Media Overview and Security	

3.) BA Computer Application

CrossCutting issues	Class	Paper	Unit	Topic	Signature
PE	BA I Year	Programming in C (Major)			
PE		Data Processing Software (Minor)			
PE		MS Office/Computer Fundamental (Open Elective)			
PE		DTP/Web Designing (Vocational)			
PE	BA II Year	DBMS(Major)	Unit V	Physical Protection &Maintance	
PE		Introduction ASP.Net & C# (Core Subject)			
PE		Web Development using PHP & My SQL (Vocational)			
PE	BA III Year	Operating System (Group A-Paper-1)			
PE		Computer Network (Group-A-Paper-2)	Unit I	NetworkSecurity	
PE		Internet & Its Application (Minor)	Unit 1	Internet Security	
PE		DTP/Web Designing)			
PE		Digital Awareness-Cyber Security (FC-III)	Unit-II	Digital Payment and e-commerce	
PE			Unit-III	e-Governance Service	
PE			Unit-IV	Cyber Security	
PE			Unit-V	Social Media Overview and Security	

Govt Degree College, Timarni

Cross-Cutting Issues in the Curriculum (2023-24)

Department of Computer Science

Computer Science as Major,Minor &Elective

B.Sc Computer Science

S. No	Class	Paper	Unit	Topic	Cross Cutting Issues
1.	B.Sc 1st year	Computer Fundamental organization & Architecture (Major-1)	--------	----------	PE/HV
		Programming Methodology & Data Structure (Major-II/Minor/ Open Elective)	--------	----------	PE
2.	B.Sc2nd year	Computer Network & Information Security (Major-1)	Unit 5	• Network Securityand Information Security	PE
			Unit 6	• Computer and Cyber Crime • Cyber Laws	PE/HV
		Object Oriented Programming with Java (Major-II/Minor/ Open Elective)	----------	----------	PE
3.	B.Sc3rd year	Operating System (Group A- Paper I) (Major-1) DSE	------	---------	PE
		Programming with Python (Group A- Paper I) (Major-1) DSE	--------	-------	PE
		Data Analysis & Visualization with Python (Minor/ Open Elective) (DSE)	---------	----------	PE