

PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

AQAR Report 2023-24: Criterion I

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year.

1.2.1 Details of courses introduced across all programmes offered during the year

Name of the Course	Course Code	Activities/Content with a direct bearing on Employability/ Entrepreneurship/ Skill development
Skill Enhancement Course (SEC)-- Food and Fermentation technology (Semester 3)	BIO-SEC-1	Entrepreneurship/ Skill development: A course in Food and Fermentation Technology provides essential skill-based knowledge about various fermented foods in a hands-on mode. Apart from building the knowledge base, it helps increase the employability and entrepreneurial potential of the students in food and fermentation biotechnology and related products. The exposure to critical process parameters needed to achieve a robust fermentation of various food-based products gives our students unique advantages over others while taking up jobs in major food biotechnology-based industries. It also encourages the students to pursue entrepreneurial endeavors in fermented foods.
Microeconomics- I	UG-ECO-101	Knowledge base
Accounting for Non-Accountants	UG-ECO-SEC1	Accounting skill, flipped learning, presentational skills, balancesheet interpretation, data entry for receipts and payment and other accounts.
Financial Investment for all	UG-ECO-MDC1	Market reading skills, TVM&NAV
Kautilya's Arthashastra	UG-ECO-VAC1	Economic philosophies of Chanakya connected to contemporary economic practices, understanding interplay between politics and economics.
Natural Resource Economics	UG-ECO-MDC2	Ability to apply economic theory to real world issues for sustainable use of natural resources.
Financial Literacy	UG-ECO-VAC2	Importance of financial literacy and planning. Financial frauds awareness video by students help comprehend significance of financial education.
Behavioral Economics	ECO-E-19	Foundational knowledge in behavioural economics insights in policy formulation, solving real-world challenges, analyzing govt programs; fostering skills of economic theory and practical applications.
Environmental Economics	ECO-E-14	Recognising the potential constraints in the environment , Managment skills, Social Responsibility, negotitation skills .
Micro Economics	ECO-III.C-5	Knowledge base
Regional Economics	ECO-E-4	GIS (Industrial clustering through google maps) ,peer learning
Economics and Law	ECO-E-8	Critical thinking, logical reasoning (Case study method, Visit to court) decisiveness, peer learning.

Human Resource Management	ECO-GEC-4	Comprehensive understanding of HRM, recruitment, appraisal, training and development methods, student demo interviews; suitable for roles in HR
Entrepreneurship	ECO-SEC-1	Management - skills decisiveness skills, strategic planning, business plan creation.
Introduction to Econometrics	ECO-E-9	Data analysis, data interpretations
Public Economics	ECO-V.C -7	Policy analysis (assignment on impact of GST), learner centered knowledge /learning by doing through flipped learning
Actuarial Economics	ECO-E-11	risk management
Introduction to Health Economics	ECO-E-22	Economic evaluation principles in health systems, resource management and insurance issues; building expertise in economic analysis of Indian healthcare system.
Indian Economy	ECO-E-1	Research skills (Survey on poverty), Peer learning , Teamwork,National and cultural awareness.
Economics of Growth and Development	UG-ECO-102	Analyzing skills(comparing growth performance of countries) , Problem solving , Peer learning.
Project Management and Evaluation	UG-ECO-SEC3	Techniques for project organisation, planning, scheduling, HRM, execution control; develops
Entrepreneurship Development	UG-ECO-SEC2	Understanding business opportunities, risks assessment; creation of business plan; skills to
Macroeconomics	ECO-IV.C-6	Foundation development in Economics
Accounting for Non-accountants	ECO-SEC-2	Accounting skill, flipped learning, presentational skills, balancesheet interpretation, data entry for receipts and payment and other accounts.
Research Methodology	ECO-E-20	Research, analysis and data collection skills for economic research.
Introduction to Industrial Economics	ECO-E-15	Globalization in industrial development.
Emerging Market Economics	ECO-E-3	Global and cultural awareness, research skills (building emerging market economies report
Gandhian Economic Thought	ECO-GEC-3	Social Responsibility , Teamwork , Social responsibility and Citizenship .
Taxation for all	UG-ECO-MDC3	Problem solving , Calculation of taxation (income ,GST and custom duties) , Critical thinking
Introduction to Money and Banking	ECO-E-21	analytical skills essential for roles in finance and banking, comprehensive understanding of money and finance
Introduction to Data Analysis	ECO-E-23	Foundation in Python, R programming, data visualisation; for roles in data science, data analysis and related fields of tech and analytics sectors.
International Trade and Policy	ECO-VI.C-8	Theoretical foundation of trade-related issues & mechanisms; enhancing intl trade analysis, policy-making, consulting roles in global economic and trade sectors.
Introduction to Operations Research for Economists	ECO-E-10	Managerial skills, decision making
Financial Economics	ECO-E-16	Financial analysis (CA - calculating returns on investments in securities)

Economics of Foreign Exchange	ECO-E-2	Currency markets trading skills, analysing currency fluctuations, assignment on currency investments, skills on risk minimising and profit maximisations.
Writing for the Media I	ENG-SEC-1	course deals with writing for the Media - directly employable and skilled
Writing for the Media II	ENG-SEC-3	course deals with writing for the Media - directly employable and skilled
Creative Writing I	ENG-SEC-2	Course deals with creative writing skills allowing for self employability
Creative Writing II	ENG-SEC-4	Course deals with creative writing skills allowing for self employability
Film Studies	ENG-E-11	course deals with an allied field - students learn how to appreciate, write screenplays and even create short films - all directly employable
English Language and Literature Teaching	ENG-E-13	deals with teaching - directly employable
Developing Reading and Writing Skills Level A1.1	UG-FRE-101	Skills for translation and creative writing
Developing Listening and Speaking Skills Level A1.1	UG-FRE-SEC1	Skills for translation and creative writing
Developing Reading and Writing Skills Level A1.2	UG-FRE-102	Skills for translation and creative writing
Developing Listening and Speaking Skills A1.2	UG-FRE-SEC2	Skills for translation and creative writing
Developing Reading and Writing Skills Level 2 Part 2	FRE-IV.C-6	Skills for translation and creative writing
Developing Reading and Writing Skills Level 2 Part 1	FRE-III.C-5	Skills for translation and creative writing
French for Tourism and Hospitality Part 1	FRE-E-2	Intermediary skills for Travel and Tourism Industry
Developing Reading and Writing Skills Level 3 Part 1	FRE-V.C-7	Skills for translation and creative writing
Developing Reading and Writing Skills Level 3 Part 2	FRE-VI.C-8	Skills for translation and creative writing
Beginner Level for Tourism and Hospitality	UG-FRE-MDC2	Basic skills required to work in the tourism and hospitality industry
Cartography	GEG-III.C5	Computer aided Cartography for spatial data & temporal data analysis (Cartographer)
PRA for Social Science	GEG-SEC .1	Techniques of field based data collection and data analysis skills (Social Surveyor)
Field Survey in Physical Geography	GEG-E2	Analysis of landforms & Mapping (Research)
Participatory Rapid Appraisal Techniques	GEG-E3	Methods of Social Survey (Research, Census Data Collection)
Application of Computer in Geography	GEG-E4	Use of Technology in digital Cartography (Cartographer)
Basics of Geomorphology	GEG-IV.C6	Teaching & Competitive Examinations
Basics of Climatology	GEG-E5	Teaching & Competitive Examinations
Basics of Oceanography	GEG-E6	Teaching & Competitive Examinations
Regional Geography of India	GEG-E7	Teaching & Competitive Examinations
Geomorphology Landforms and Processes	GEG-V.C7	Teaching & Competitive Examinations
Geography of Climate Change	GEG-E9	Environmental Awareness (Environmentalist)

Oceans Issues and Challenges	GEG-E10	Marine & Oceanic Studies (Environmentalist)
Introduction to Regional Planning	GEG-E13	Planning
Geography of Tourism	GEG-E15	Tourism industry
Quantitative Techniques in Geography	GEG-E16	Data Analysis Skills, Applications of Quantitative Techniques, Data Presentation
Advanced Cartographic Skills In Geography	PGMP- GEG - DSC- 404	Cartographer
Field Techniques and village survey	PGMP- GEG - DSC- 408	Surveyor & NGO
Introduction to GIS	PGMP- GEG - DSC- 407	GIS Analyst
Introduction to Digital Mapping	UG-GEG-SEC-102	Cartographer
Basics of Remote Sensing and GIS	GEG-V-C7	RSand GIS analyst
Exploratory Drilling and Drillhole Data Management	UG-GEL-SEC1	Use of MS Excel for data management and analysis
Field Techniques for Geological Mapping	UG-GEL-SEC2	Field work
Gemmology	GEL-III.SEC-1A	Practical based
GIS for Geosciences	GEL-III.SEC-2	Use of Q GIS and Google Earth for mapping techniques
Introduction to Museology	UG-HIS-SEC2	Introduction to new avenue of Museology
Bhashik Kaushyale ani Vyaktimatva Vikas	UG- MAR –101	Skill Development
Pravasvarnan	UG- MAR -102	Entrepreneurship
Sutrasanchalan (Anchoring)	UG-MAR-SEC-1	Skill Development/Entrepreneurship
Sahityabhiruchiche Swarup	MAR-SEC-	Entrepreneurship
Marathi Bhasha ani Sarjanshil Lekhan Kala	UG- MAR – 103	Entrepreneurship
Pathanatya	UG-MAR-104	Skill Development
Marathi Vachan, Lekhan ani Sambhashan Kaushyale	UG- MAR - AEC1	Entrepreneurship
Mahitipat (Documentary): Lekhan Khoshly ani Upyojan	UG-MAR-SEC2	Entrepreneurship
Philosophy & Film	UG-PHI-SEC 1	Skill Development -This course enables the students to approach a movie not only as a mode of entertainment but also as a spectator to evaluate it as a critique so that they get exposed to the field of interdisciplinary work in aesthetics and cognitive science. Through this they are able to design videos, plays, etc. that depict human life in the aesthetic context of movies.
Substance Abuse and Aids Awareness	UG-SOC-VAC1	CLO 1: Analyze the varied problems in the context of Drugs and AIDS in contemporary India CLO 2: Evaluate the effectiveness of various programmes towards the alleviation of the given social problem by the Government and NGO's

Globalization and New Media (Digital Story Telling)	UG-SOC-SEC1	CLO 1: Create structure story. CLO 2: Apply Voice recording and editing through free software CLO 3: Design and create stories in digital form from Sociological perspective.
Understanding Goa's Culture	UG-SOC-MDC2	CLO 1: Evaluate the social conditions and dimensions in the making of Goan's culture. CLO 2: Analyze each facets of Goa's culture and judge its impact. CLO 3: Recreate varied aspects of Goan culture by demonstration.
Community Engagement and social responsibility	UG-SOC-VAC2	CLO 1. Appreciate significant contributions of local communities to Indian society and Economy CLO 2. Identify opportunities for contributing to community's socio-economic improvements
Introduction to NGO Management	SOC-E-3	Students are able to analyse the varied structures and functioning of NGO's
Globalization and New Media (Digital Story Telling)	SOC-E-4	Students will be able to create digital content
Introduction to Qualitative Research Methods	SOC-E-2	Students will be able to design a research proposal based on Qualitative methods
Introduction To Social Work	SOC-E-12	Students will be able to analyse the varied dimensions of Social Work
Basics in Horticulture	UG-BOT- SEC1	1.1.3- 2023-24- 1- Botany - SEC syllabus Basics in Horticulture
Algal Biotechnology	UG-BOT-SEC2	1.1.3- 2023-24- 2- Botany - SEC syllabus Algal Biotechnology
Bioresource management	BOT-III. SEC-1	1.1.3- 2023-24- 3- Botany - SEC syllabus Bioresource Management
Basics in Horticulture	BOT-IV.SEC-2	1.1.3- 2023-24- 4- Botany - SEC syllabus Basics in Horticulture (T)
Plant Animal Interaction	UG-BOT-MDC 1	1.2.1-2023-24-1-Botany- MDC Syllabus - Plant Animal Interaction
Kitchen Gardening	UG-BOT-MDC 2	1.2.1-2023-24-2-Botany- MDC Syllabus - Kichen Gardening
Programming in Python	UG-COM-SEC2	Writing programs using Python for developing applications
Programming with R	UG-COM-SEC1	Statistical Analysis
Web Development with FLASK	COM-SEC6	Creating a basic application, working with the requests and jinja, Form creating and validation with WT Forms, Creating an admin panel with FLASK Admin, Customizing FLASK admin panel,Connecting database through SQL Alchemy, Insert/Update/Delete/Query data using SQL Alchemy, Securing your application with FLASK Security, Creating a scalable project structure, Build your own API (REST API), Deploying and Configuring FLASK
Programming in Python	COM-SEC5	Writing programs using Python for developing applications

UI/UX Design	UG-COM-SEC3	Paper Prototyping using templates, Persona-conducting contextual interview and developing persona, Storyboarding, GUI design: Using HTML, Form design, menu design, help, error messages, Web UI design: Using CSS, Pages, navigation, controls, Page submission – Asynchronous, Report designs: Using Java Script and J Query, Validations, Visualization and infographics, Heuristic Evaluation, A Mini Project combining all the technologies learnt using a front-end development framework such as bootstrap is recommended
Introduction to Python Programming	UG-COM-MDC2	Writing programs using Python for developing applications
E-Learning	UG-COM-MDC3	Develop E-Content using the Instructional Design Process and Proficiency in LMS for effective teaching learning Process
Office Automation	UG-COM-MDC1	Develop Proficiency in Office software suits as well as desktop Publishing Application
Cyber Security	UG-COM-VAC1	Setting, configuring and managing three password policy in the computer (BIOS, Administrator and Standard User), Setting and configuring two factor authentication in the Mobile phone, Security patch management and updates in Computer and Mobiles, Managing Application permissions in Mobile phone, Installation and configuration of computer Anti-virus, Installation and configuration of Computer Host Firewall
R Programming	COM-SEC2	Statistical analysis
DBMS	UG	Develop a Database application .
Object Oriented Programming	COM-III.C-5A	Analyse the problem and implement solution using Object oriented programming paradigm.
Web Designing	COM-E4	Develop Static Websites.
Mobile Application Development	COM-E10	Develop Mobile Applications
Server Side Programming	COM-E7	Develop dynamic web applications using the object oriented paradigm
Embedded Systems	COM-V.E-9	Classify the Embedded processors and their design metrics. Design and develop Embedded / IoT Applications using Arduino/Raspberry-Pi boards
Web Development Framework	COM-VI. E-18	Develop dynamic web applications
Computer Networks	COM-VI. C-8	The course provides basic Networking concepts. Students will gain knowledge about configuring the network
Introduction to Data Science	COM-V.E-11	This course will provide the basic skill sets required for the the data scientist
Basics of Visualization and Scientific Word processing	PHY-SEC.1	This course will provide competence in Linux environment, Data visualization, scientific word processing and Crystal visualization which will help the students opting for theoretical research
Instrumentation	PHY-SEC.2	Students will be able to design and comprehend basic principles involved in instruments which will help them get an employment at an electronics industry.

Human Physiology	ZOO.III.C-3	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work in pathology laboratories due to the skills involved in the practicum component.
Vertebrate Endocrinology	ZOO.III.E-1	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work in medical laboratories due to the histology skills involved in the practicum component.
Basic Microbiology and Fundamentals of Animal Biotechnology	ZOO.III.E-2	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work at industrial QC sectors due to the bacterial culture and streaking skills involved in the practicum component.
Environmental Toxicology	ZOO.III.E-3	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for research projects due to the practicum component.
Waste Management Techniques	ZOO.III.SE-1	Skill Enhancement Course/Entrepreneurship. The course enables the students to learn various skills like waste management, vermicomposting, paper making, paper bag making, Wealth out of waste. It also sets a platform for sale of the eco-friendly products made by the students.
Developmental Biology	ZOO.V.C-7	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for research projects due to the practicum component at ICAR Goa and other platforms.
Molecular Genetics and Forensic Science	ZOO.V.E-9	Practicals- Skill enhancement Course. Practical performed at the course level might give an opportunity for the student to work for research projects due to the practicum component.
Ecology And Ethology	ZOO.V.E-11	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for research projects related to sustainability and monitoring due to the practicum component.

Fish Preservation and Processing	ZOO.V.E-12	Practicals- Skill enhancement Course/Employability/Entrepreneurship. Practical performed at the course level might give an opportunity for the student to work at the Fisheries Department due to the practicum component. Also one can also start their own business with respect to value addition of fishes.
Biochemistry and Metabolic Regulations	ZOO.IV.C-6	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for reasearch projects related to sustainability and monitoring due to the practicum component.
Animal Cell Culture and Applications	ZOO.IV.E-5	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for reasearch projects related to sustainability and monitoring due to the practicum component.
Aquaculture and Fisheries	ZOO.III.E-6	Practicals- Skill enhancement Course/Employabilty/Entrepreneurship. Practical performed at the course level might give an opportunity for the student to work for reasearch projects related to fish resource sustainability due to theskills involved in the practicum component. It also open the platform for business in aquaculture and various other applications regarding the same.
Immunology	ZOO.III.E-7	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for reasearch projects due to the practicum component.
BioEntrepreneurship	ZOO.I.SEC-2	Entrepreneurship. The course provides a platform for the students iv various economic zoology sectors like Aquaculture, Beekeeping, Poultry, Intergrated Farming, Ecoyourism and other life science realted entrepreneurial opportunities.
Wildlife Biology	ZOO.V.C-8	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for reasearch projects due to the practicum component.
Health and Nutrition	ZOO.VI.E-13	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work along with dieticians due to the practicum component.
Basic and Applied Entomology	ZOO.VI.E-11	Practicals- Skill enhancement Course/Employability. Practical performed at the course level might give an opportunity for the student to work for reasearch projects due to the practicum component.
Aviation, Hospitality and Customer service	D.AHC	Hospitality and Customer services

NEW COURSES		
Introduction to Mathematical Physics-I	UG-PHY-SEC1	A course in mathematical physics is advantageous for employability, especially in fields like theoretical physics, engineering, and applied mathematics.
Introduction to Mathematical Physics-II	UG-PHY-SEC2	A course in mathematical physics is advantageous for employability, especially in fields like theoretical physics, engineering, and applied mathematics.
Microeconomics- I	UG-ECO-101	Knowledge base
Accounting for Non-Accountants	UG-ECO-SEC1	Accounting skill, flipped learning, presentational skills, balancesheet interpretation, data entry for receipts and payment and other accounts.
Financial Investment for all	UG-ECO-MDC1	Market reading skills, TVM&NAV
Kautilya's Arthashastra	UG-ECO-VAC1	Economic philosophies of Chanakya connected to contemporary economic practices, understanding interplay between politics and economics.
Natural Resource Economics	UG-ECO-MDC2	Ability to apply economic theory to real world issues for sustainable use of natural resources.
Financial Literacy	UG-ECO-VAC2	Importance of financial literacy and planning. Financial frauds awareness video by students help comprehend significance of financial education.
Economics of Growth and Development	UG-ECO-102	Analyzing skills(comparing growth performance of countries) , Problem solving , Peer learning.
Project Management and Evaluation	UG-ECO-SEC3	Techniques for project organisation, planning, scheduling, HRM, execution control; develops essential project management skills.
Entrepreneurship Development	UG-ECO-SEC2	Understanding business opportunities, risks assessment; creation of business plan; skills to become entrepreneurs.
Taxation for all	UG-ECO-MDC3	Problem solving , Calculation of taxation (income ,GST and custom duties) , Critical thinking
Developing Reading and Writing Skills Leve A1.1	UG-FRE-101	Skills for translation and creative writing
Developing Listening and Speaking Skills Level A1.1	UG-FRE-SEC1	Skills for translation and creative writing
Developing Reading and Writing Skills Level A1.2	UG-FRE-102	Skills for translation and creative writing
Developing Listening and Speaking Skills A1.2	UG-FRE-SEC2	Skills for translation and creative writing
Beginner Level for Tourism and Hospitality	UG-FRE-MDC2	Basic skills required to work in the tourism and hospitality industry
Advanced Cartographic Skills In Geography	PGMP- GEG - DSC- 404	Cartographer
Field Techniques and village survey	PGMP- GEG - DSC- 408	Surveyor & NGO
Introduction to GIS	PGMP- GEG - DSC- 407	GIS Analyst
Introduction to Digital Mapping	UG-GEG-SEC-102	Cartographer
Exploratory Drilling and Drillhole Data Management	UG-GEL-SEC1	Use of MS Excel for data management and analysis

Field Techniques for Geological Mapping	UG-GEL-SEC2	Field work
Introduction to Museology	UG-HIS-SEC2	Introduction to new avenue of Museology
Philosophy & Film	UG-PHI-SEC 1	Skill Development -This course enables the students to approach a movie not only as a mode of entertainment but also as a spectator to evaluate it as a critique so that they get exposed to the field of interdisciplinary work in aesthetics and cognitive science. Through this they are able to design videos, plays, etc. that depict human life in the aesthetic context of movies.
Introducing Sociology	UG-SOC-101	CLO 1. Analyse the growth of sociology as a science. CLO 2. Compare and contrast sociology with other social sciences CLO 3. Create a brochure by illustrating the varied scope of sociology. CLO 4. Apply and analyse the various concepts in sociology to one's day to day life.
Social Concerns in India-1	UG-SOC-MDC1	CLO 1: Analyze the varied problems in contemporary India CLO 2: Evaluate the effectiveness of various programmes/schemes towards the alleviation of the given social problem. CLO 3: Present the role of various agencies in the alleviation of a given social problem
Substance Abuse and Aids Awareness	UG-SOC-VAC1	CLO 1: Analyze the varied problems in the context of Drugs and AIDS in contemporary India CLO 2: Evaluate the effectiveness of various programmes towards the alleviation of the given social problem by the Government and NGO's
Globalization and New Media (Digital Story Telling)	UG-SOC-SEC1	CLO 1: Create structure story. CLO 2: Apply Voice recording and editing through free software CLO 3: Design and create stories in digital form from Sociological perspective.
Social Institutions in India	UG-SOC-102	CLO 1: Analyze the process in the making of Indian society. CLO 2: Define: Village, Caste, Marriage, Family, Kinship and Religion. CLO 3: Analyze the relationship between Village, Caste, Marriage, Family, Kinship and Religion. CLO 4: Understand the functionality of Village, Caste, Marriage, Family, Kinship and Religion and critique the same.
Understanding Goa's Culture	UG-SOC-MDC2	CLO 1: Evaluate the social conditions and dimensions in the making of Goan's culture. CLO 2: Analyze each facets of Goa's culture and judge its impact. CLO 3: Recreate varied aspects of Goan culture by demonstration.

Community Engagement and social responsibility	UG-SOC-VAC2	CLO 1. Appreciate significant contributions of local communities to Indian society and Economy CLO 2. Identify opportunities for contributing to community's socio-economic improvements
Basics in Horticulture	UG-BOT- SEC1	1.1.3- 2023-24- 1- Botany - SEC syllabus Basics in Horticulture
Algal Biotechnology	UG-BOT-SEC2	1.1.3- 2023-24- 2- Botany - SEC syllabus Algal Biotechnology
Plant Animal Interaction	UG-BOT-MDC 1	1.2.1-2023-24-1-Botany- MDC Syllabus - Plant Animal Interaction
Kitchen Gardening	UG-BOT-MDC 2	1.2.1-2023-24-2-Botany- MDC Syllabus - Kichen Gardening
Programming in Python	UG-COM-SEC2	Writing programs using Python for developing applications
Programming with R	UG-COM-SEC1	Statistical Analysis
UI/UX Design	UG-COM-SEC3	Paper Prototyping using templates, Persona-conducting contextual interview and developing persona, Storyboarding, GUI design: Using HTML, Form design, menu design, help, error messages, Web UI design: Using CSS, Pages, navigation, controls, Page submission – Asynchronous, Report designs: Using Java Script and J Query, Validations, Visualization and infographics, Heuristic Evaluation, A Mini Project combining all the technologies learnt using a front-end development framework such as bootstrap is recommended
Introduction to Python Programming	UG-COM-MDC2	Writing programs using Python for developing applications
E-Learning	UG-COM-MDC3	Develop E-Content using the Instructional Design Process and Proficiency in LMS for effective teaching learning Process
Office Automation	UG-COM-MDC1	Develop Proficiency in Office software suits as well as desktop Publishing Application
Cyber Security	UG-COM-VAC1	Setting, configuring and managing three password policy in the computer (BIOS,Administrator and Standard User), Setting and configuring two factor authentication in the Mobile phone, Security patch management and updates in Computer and Mobiles, Managing Application permissions in Mobile phone, Installation and configuration of computer Anti-virus, Installation and configuration of Computer Host Firewall

